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EDITORS:

V. NUSSENZWEIG

M.W. TURNER

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Scope of the Journal

The JOURNAL OF IMMUNOLOGICAL METHODS is devoted to covering techniques for: (1) quantitating and detecting antibodies and/or antigens and haptens based on antigen-antibody interactions; (2) fractionating and purifying immunoglobulins, lymphokines and other molecules of the immune system; (3) isolating antigens and other substances important in immunological processes; (4) labelling antigens and antibodies with radioactive and other markers; (5) localizing antigens and/or antibodies in tissues and cells, in vivo or in vitro; (6) detecting, enumerating and fractionating immunocompetent cells; (7) assaying for cellular immunity; (8) detecting cell-surface antigens by cell-cell interactions; (9) initiating immunity and unresponsiveness; (10) transplanting tissues; (11) studying items closely related to immunity such as complement, reticuloendothelial system and others. In addition the journal will publish articles on novel methods for analysing the organisation, structure and expression of genes for immunologically important molecules such as immunoglobulins, T cell receptors and accessory molecules involved in antigen recognition, processing and presentation. Articles on the molecular biological analysis of immunologically relevant receptor binding sites are also invited. Submitted manuscripts should describe new methods of broad applicability to immunology and not simply the application of an established method to a particular substance.

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Indexes 1994

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Author Index
Volumes 167–177
1994

A

Abastado, J.-P., see Gill, R.F. (176) 245
Abdi, K., see Li, X. (172) 141
Abrams, J.S., see Litton, M.J. (175) 47
Adam, A., see Legris, F. (168) 111
Adix, L.M., see Davis, L.S. (175) 247
Agasan, A.L., Stewart, B.J. and Watson, T.G.
Development of a radioimmunoassay method for ethynylestradiol in plasma using a monoclonal antibody (177) 251
Akane, A., see Matsubara, K. (173) 175
Åkerström, B., Nilson, B.H.K., Hoogenboom, H.R. and Björck, L.
On the interaction between single chain Fv antibodies and bacterial immunoglobulin-binding proteins (177) 151
Akhoundi, C., Rochet, N., Ferrua, B. and Rossi, B.
Production and characterization of monoclonal and polyclonal antibodies to human α2-HS: development of a two-site ELISA test (172) 189
Akino, T., see Inoue, T. (173) 157
Alarcón-Segovia, D., see Cabral, A.R. (175) 107
Aldenborg, F., see Chen, X.-J. (177) 139
Alfthan, H., see Stenman, J. (175) 161
Alroy, J., see Pavia-Ruz, N. (167) 161
Amiot, M., see Lu, Z.-Y. (173) 19
Amirchetty Rao, S., see Jones, D.R.E. (177) 235
Anderson, C.L., see Osborne, J.M. (173) 207
Andersson, J., see Björk, L. (175) 201
Andersson, U., see Björk, L. (175) 201
Andris, F., see Baus, E. (173) 41
Ansar Ahmed, S., Gogal, Jr., R.M. and Walsh, J.E.
A new rapid and simple non-radioactive assay to monitor and determine the proliferation of lymphocytes: an alternative to [^{3}H]thymidine incorporation assay (170) 211
Ansorge, S., see Kähne, T. (168) 209
Anthony, B.F., see Feldman, R.G. (170) 37
Arimilli, S., see Nag, B. (169) 273
Arimilli, S., see Nag, B. (172) 95
Arimilli, S., see Nag, B. (172) 269
Arkins, S., see Biragyn, A. (168) 235
Armbruster, F.P., see Becker, S. (177) 131
Arsenault, S., see Lagacé, J. (175) 131
Ashman, L.K., see Okayama, Y. (169) 153
Aßmann, C.U., see Lutz, M.B. (174) 269
Asseman, C., Pancré, V., Delanoye, A., Capron, A. and Auriault, C.
A radioimmunoassay for the quantification of human ubiquitin in biological fluids: application to parasitic and allergic diseases (173) 93
Athey, D. and McNeil, C.J.
Amplified electrochemical immunoassay for thyrotropin using thermophilic β-NADH oxidase (176) 153
Atkinson, E.N., see Freedman, R.S. (167) 145
Audrain, M.A.P., Baranger, T.A.R., Lockwood, C.M. and Esnault, V.L.M.
High immunoreactivity of lactoferrin contaminating commercially purified myeloperoxidase (176) 23
Auriault, C., see Asseman, C. (173) 93
Auriault, C., see Cottrez, F. (172) 85
Auriol, J., Guesdon, J.-L., Mazié, J.-C. and Nato, F.
Development of a bispecific monoclonal antibody for use in molecular hybridisation (169) 123

B

Bailey, M., see Haverson, K. (170) 233
Baker, M.D., Karn, H.A. and Read, L.R.
Restoration of a normal level of immunoglobulin production in a hybridoma cell line following modification of the chromosomal immunoglobulin μ gene by gene replacement (168) 25
Bakkali, L., Guillou, R., Gonzague, M. and Crucière, C.
A rapid and sensitive chemiluminescence dot-immunobinding assay for screening hybridoma supernatants (170) 177
Ball, J.M., Henry, N.L., Montelaro, R.C. and Newman, M.J.
A versatile synthetic peptide-based ELISA for identifying antibody epitopes (171) 37
Balogh, P., Szekeres, G. and Németh, P.
Hapten-mediated identification of cell membrane antigens using an anti-FITC monoclonal antibody (169) 35
Banfi, E., see Perticarari, S. (170) 117
Baranger, T.A.R., see Audrain, M.A.P. (176) 23
Bartek, J., see Lukas, J. (170) 255

Bartholeyns, J., see Faradji, A. (174) 297
Baslund, B. and Wieslander, J.
A rapid and semi-quantitative method for the detection of autoantibodies by multiple spot immunoassay (169) 183
Baslund, B., Petersen, J., Permin, H., Wiik, A. and Wieslander, J.
Measurements of proteinase 3 and its complexes with α_1-proteinase inhibitor and anti-neutrophil cytoplasm antibodies (ANCA) in plasma (175) 215
Bastide, M., see Boudard, F. (174) 259
Bataille, R., see Lu, Z.-Y. (173) 19
Batard, T., see Guérin-Marchand, C. (167) 219
Baus, E., Urbain, J., Leo, O. and Andris, F.
Flow cytometric measurement of calcium influx in murine T cell hybrids using Fluo-3 and an organic-anion transport inhibitor (173) 41
Baxevanis, C.N., see Papadopoulos, N.G. (177) 101
Bazin, R., Boucher, G., Monier, G., Chevrier, M.-C., Verrette, S., Broly, H. and Lemieux, R.
Use of hu-IgG-SCID mice to evaluate the in vivo stability of human monoclonal IgG antibodies (172) 209
Beavis, A.J. and Pennline, K.J.
Tracking of murine spleen cells in vivo: detection of PKH26-labeled cells in the pancreas of non-obese diabetic (NOD) mice (170) 57
Becker-Andre, M., see Meagher, L. (175) 237
Becker, B., see Davis, L.S. (175) 247
Becker, D., Kolde, G., Reske, K. and Knop, J.
An in vitro test for endocytotic activation of murine epidermal Langerhans cells under the influence of contact allergens (169) 195
Becker, S., Armbruster, F.P., Müller, B., Echner, H., Kapurnotu, A., Livaniou, E., Mihelić, M., Stoeva, S. and Voelter, W.
Theoretical and experimental epitope mapping of thymosin β_4 (177) 131
Beelen, R.H.J., see Betjes, M.G.H. (174) 215
Beelen, R.H.J., see Heuff, G. (174) 61
Beelen, R.H.J., see Van de Loosdrecht, A.A. (174) 311
Beer, D.J., Yates, A.M. and Jack, G.W.
Development of enzyme-linked immunosorbent assays (ELISAs) for the detection of monoclonal antibody leakage from immunoaffinity chromatography matrices (173) 103
Bégaud, E., see De Roquigny, Y.G.H. (173) 1
Begemann, U., see Wixler, V. (171) 121
Behr, C., see Garraud, O. (173) 165
Behrendt, N., see Rønne, E. (167) 91
Behrsing, O., see Karawajew, L. (173) 27
Behrsing, O., see Micheel, B. (171) 103
Bendtzen, K., see Diamant, M. (173) 229
Benjamin, C., see Myatt, E.A. (177) 35
Berden, J.H.M., see Hylkema, M.N. (170) 93
Berden, J.H.M., see Hylkema, M.N. (176) 33
Berends, C., Dijkhuizen, B., De Monchy, J.G.R., Gerritsen, J. and Kauffman, H.F.
Induction of low density and up-regulation of CD11b expression of neutrophils and eosinophils by dextran sedimentation and centrifugation (167) 183
Berens, S., see Sigal, L.J. (177) 261
Bergerat, J.P., see Faradji, A. (174) 297
Berghman, L.R., Grauwels, L., Vanhamme, L. and Vandesande, F.
A simple method for the immunocytochemical processing of large numbers of floating sections and its application in screening for monoclonal antibodies (168) 197
Bernard, C., see Lilley, G.G. (171) 211
Berry, M.J., Wattam, T.A.K., Willets, J., Lindner, N., De Graaf, T., Hunt, T., Gani, M., Davis, P.J. and Porter, P.
Assay and purification of Fv fragments in fermenter cultures: design and evaluation of generic binding reagents (167) 173
Bertoni, G., see Pauli, U. (171) 263
Betjes, M.G.H., Havenith, C.E.G., Van de Loosdrecht, A.A. and Beelen, R.H.J.
Methods for studying immuno-effector functions and antigen presenting activity of human macrophages (174) 215
Beutler, B., see Poltorak, A. (169) 93
Biddison, W.E., see Lichtenfels, R. (172) 227
Biragyn, A., Arkins, S. and Kelley, K.W.
Riboprobe expression cassettes for measuring IGF-I, β-actin and glyceraldehyde 3-phosphate dehydrogenase transcripts (168) 235
Birk, P.E. and Grimm, P.C.
Rapid nonradioactive in situ hybridization for interleukin-2 mRNA with riboprobes generated using the polymerase chain reaction (167) 83
Birr, C.A., see White, M.L. (167) 227
Björck, L., see Åkerström, B. (177) 151
Björk, L., Andersson, U., Chauvet, J.-M., Skansén-Saphir, U. and Andersson, J.
Quantification of superantigen induced IFN-γ production by computerised image analysis – inhibition of cytokine production and blast transformation by pooled human IgG (175) 201
Björkland, A., see Festin, R. (177) 215
Black, J.R., see Cunningham, A.J. (169) 287
Bland, P.W., see Haverson, K. (170) 233
Blomberg, J., see Fraisier, C. (176) 9
Blomberg, K.
Simultaneous measurement of natural killer cell cytotoxicity against each of three different target cell lines (168) 267
Blomberg, K., see Lövgren, J. (173) 119
Bluestein, B., see Oh, S.-K. (176) 79
Bly, J.E., see Causey, A.L. (175) 115
Bochner, B.S., see Viksman, M.Y. (172) 17
Boe, A., Canosi, U., Donini, S., Mastrangeli, R., Ythier, A. and Serlupi Crescenzi, O.
Determination of haptoglobin expression in IL-6 treated HepG2 cells by ELISA and by RNA hybridization – Evaluation of a quantitative method to measure IL-6 (171) 157
Boehm, B.O., see Chen, M. (168) 257
Bohbot, A., see Faradji, A. (174) 297
Bohlen, H., Manzke, O., Engert, A., Hertel, M., Hippler-Altenburg, R., Diehl, V. and Tesch, H.
Differentiation of cytotoxicity using target cells labelled with europium and samarium by electroporation (173) 55

Böhm, M., see Schulz, J. (167) 1
Bonnefoix, T. and Sotto, J.-J.
The standard $\chi 2$ test used in limiting dilution assays is insufficient for estimating the goodness-of-fit to the single-hit Poisson model (167) 21
Bonnemains, B., see Garraud, O. (173) 165
Borges, E., Wiesmüller, K.-H., Jung, G. and Walden, P.
Efficacy of synthetic vaccines in the induction of cytotoxic T lymphocytes Comparison of the costimulating support provided by helper T cells and lipoamino acid (173) 253
Borissenko, M., see McLaren, R.D. (177) 175
Borrebaeck, C.A.K., see Ohlin, M. (170) 75
Böttger, V., see Micheel, B. (171) 103
Bouchard, P.J., see Stoltenborg, J.K. (175) 59
Boucher, G., see Bazin, R. (172) 209
Boudard, F., Vallot, N., Cabaner, C. and Bastide, M.
Chemiluminescence and nitrite determinations by the MALU macrophage cell line (174) 259
Boulain, J.-C., see Ezan, E. (169) 205
Bouzoumou, A., see Lambin, P. (169) 139
Boyce, N., see Yang, Y.H. (172) 77
Bradbury, A., see Ruberti, F. (173) 33
Bradley, J.A., see Walker, K.G. (175) 141
Bradley, W.G., see James-Yarish, M. (169) 73
Brailly, H., see Montero-Julian, F.A. (169) 111
Brandon, M.R., see Meeusen, E.N.T. (172) 71
Brandt, J.T., see Osborne, J.M. (173) 207
Brandtzaeg, P., see Jahnsen, F.L. (173) 77
Brandtzaeg, P., see Jahnsen, F.L. (175) 23
Braun, K.M., see Streck, R.J. (174) 67
Breckenridge, W.C., see Théolis, Jr., R. (172) 43
Bredehorst, R., see Rabbany, S.Y. (168) 227
Breedland, E.G., see Savelkoul, H.F.J. (170) 185
Breedland, E.G., see Savelkoul, H.F.J. (172) 33
Breitling, F., see Dübel, S. (175) 89
Breitling, F., see Micheel, B. (171) 103
Brero, M.L., see Manghi, M.A. (168) 17
Breukels, M.A., see Feldman, R.G. (170) 37
Bridts, C.H., see De Clerck, L.S. (172) 115
Britton, W.J., see Weir, R.E. (176) 93
Brochier, J., see Montero-Julian, F.A. (169) 111
Brodard, V., see Guérin-Marchand, C. (167) 219
Broekhoven, M.G., see Van de Loosdrecht, A.A. (174) 311
Broly, H., see Bazin, R. (172) 209
Bromley, L., McCarthy, S.P., Stickland, J.E., Lewis, C.E. and McGee, J.O.D.
Non-isotopic in situ detection of mRNA for interleukin-4 in archival human tissue (167) 47
Brown, A.R. and Pickrell, J.A.
Chamber for testing metered-dose propellant-driven aerosols of immunologically relevant proteins (176) 203
Brown, B., see Ling, N.R. (173) 11
Brownell, A.L., see Melder, R.J. (175) 79
Brownell, G.L., see Melder, R.J. (175) 79
Browning, S.W., see Nicholson, J.K.A. (168) 283
Bruning, J.W., see Schanz, U. (169) 221
Bruning, J.W., see Schanz, U. (177) 271
Bryan, L., see Nicholson, J.K.A. (177) 43
Bühler, B., Köhler, G. and Nielsen, P.J.
A *lacZ*-based vector system for the rapid detection of V(D)J recombinase activity (175) 259
Bunch, D.S., see Jones, G. (177) 1
Bunse, R. and Heinz, H.-P.
Characterization of a monoclonal antibody to the capsule of *Haemophilus influenzae* type b, generated by in vitro immunization (177) 89
Burrows, N., see Meagher, L. (175) 237
Burtles, S.S., see Plebanski, M. (170) 15
Butlin, C.R., see Weir, R.E. (176) 93

C

Cabaner, C., see Boudard, F. (174) 259
Cabiedes, J., see Cabral, A.R. (175) 107
Cabral, A.R., Cabiedes, J. and Alarcón-Segovia, D.
Tween 20 detaches cardiolipin from ELISA plates and makes anticardiolipin antibodies undetectable regardless of the presence of β_2-glycoprotein-I (175) 107
Cabrera, L., see Galvez, J. (170) 197
Cairns, L., see Lutz, M.B. (174) 269
Caldwell, J.B., see Gruen, L.C. (168) 91
Campagne, J.-M., see Hanin, V. (173) 139
Campbell, A.K., see Taylor, K.M. (167) 129
Campbell, P.A., see Leenen, P.J.M. (174) 5
Campo, M.L., see Corraliza, I.M. (174) 231
Canosi, U., see Boe, A. (171) 157
Capoor, A.K., see Sashidhar, R.B. (167) 121
Capron, A., see Asseman, C. (173) 93
Capron, A., see Cottrez, F. (172) 85
Cardoso, A.I., see Del Rosario Stumpo, R. (169) 241
Carlson, M., see Xu, S.Y. (171) 245
Carroll, S.F., see White, M.L. (167) 227
Carson, D.A., see Taniguchi, A. (169) 101
Caruso, F., see Geddes, N.J. (175) 149
Cassani, G., see Corti, A. (177) 191
Catimel, B., see Wilson, K.M. (175) 267
Cattaneo, A., see Ruberti, F. (173) 33
Causey, A.L., Wooten, R.M., Clem, L.W. and Bly, J.E.
A serum-free medium for human primary T lymphocyte culture (175) 115
Cerottini, J.-C., see Romero, P. (171) 73
Chacko, G.W., see Osborne, J.M. (173) 207
Chambers, C.A., see Shpitz, B. (169) 1
Chan, E.K.L., Takano, S. and Von Mühlen, C.A.
A microscale method for depleting cross-reactive anti-anti-bodies used in indirect immunofluorescence microscopy (176) 271

Chang, H.
In situ transcription with Tth DNA polymerase and fluorescent nucleotides (176) 235
Chappey, O., Debray, M., Niel, E. and Scherrmann, J.M.
Association constants of monoclonal antibodies for hapten: heterogeneity of frequency distribution and possible relationship with hapten molecular weight (172) 219
Chauhan, V.S., see Roy, A. (167) 139
Chauvet, J.-M., see Björk, L. (175) 201
Chen, F.-S., see Yen, C.F. (177) 55
Chen, M., März, W., Usadel, K.H., Scheuermann, E.H. and Boehm, B.O.
Typing of the HLA-DRB3 gene by temperature gradient gel electrophoresis. Prediction of the resolution of four allelic fragments by computational simulation of DNA melting (168) 257
Chen, X.-J., Juliusson, S., Aldenborg, F. and Enerbäck, L.
Cytofluorometric quantification of IgE and IgE receptors on individual mast cells (177) 139
Chesterman, C.N., see Hicks, C. (170) 83
Chesterman, C.N., see Markovic, B. (172) 105
Cheung, H.T., see St. John, J.J. (170) 159
Chevrier, M.-C., see Bazin, R. (172) 209
Chia, T.F., see Hui, K.M. (171) 147
Chong, B.H., see Markovic, B. (172) 105
Chua, F., Oh, S.K.W., Yap, M. and Teo, W.K.
Enhanced IgG production in eRDF media with and without serumA comparative study (167) 109
Church, M.K., see Okayama, Y. (169) 153
Ciliberto, G., see Gregory, B. (170) 47
Circella, A., see Sorice, M. (173) 49
Cislaghi, C., see Falagiani, P. (173) 181
Claas, F.H.J., see Schanz, U. (169) 221
Claas, F.H.J., see Schanz, U. (177) 271
Clem, L.W., see Causey, A.L. (175) 115
Clément, F., see Tissot, J.-D. (173) 63
Coakley, W.T., see Grundy, M.A. (176) 169
Coffman, R.L., see Savelkoul, H.F.J. (170) 185
Cohen, E.A., see Lagacé, J. (175) 131
Coletta, I., see Peri, G. (174) 249
Collins, M.F., see Ledue, T.B. (176) 275
Colman, R., see Legris, F. (168) 111
Concepcion, N.F., see Feldman, R.G. (170) 37
Condom, R., see Ferrua, B. (176) 103
Cook, A.G. and Wood, P.J.
Chemical synthesis of bispecific monoclonal antibodies: potential advantages in immunoassay systems (171) 227
Cook, F. and Eales, L.-J.
Flow cytometric measurement of non-specific esterase activity (168) 203
Cook, S., see Sellers, J.R. (172) 255
Coote, J.G., see Davies, R.L. (167) 35
Corraliza, I.M., Campo, M.L., Soler, G. and Modolell, M.
Determination of arginase activity in macrophages: a micromethod (174) 231
Corry, D.B., see Reiner, S.L. (173) 133
Corry, D.B., see Reiner, S.L. (175) 275
Corti, A., Poiesi, C., Merli, S. and Cassani, G.
Tumor necrosis factor (TNF)α quantification by ELISA and bioassay: effects of TNFα-soluble TNF receptor (p55) complex dissociation during assay incubations (177) 191
Cotton, J., see Mourier, G. (171) 65
Cottrez, F., Auriault, C., Capron, A. and Groux, H.
Analysis of the Vβ specificity of superantigen activation with a rapid and sensitive method using RT PCR and an automatic DNA analyser (172) 85
Craig, S., see Kepley, C. (175) 1
Craig, W.Y., see Ledue, T.B. (176) 275
Créminon, C., see Volland, H. (175) 97
Crowe, P.D., VanArsdale, T.L., Walter, B.N., Dahms, K.M. and Ware, C.F.
Production of lymphotoxin (LTα) and a soluble dimeric form of its receptor using the baculovirus expression system (168) 79
Crucière, C., see Bakkali, L. (170) 177
Cunningham, A., see James, K. (168) 33
Cunningham, A.J., Elliott, S.-F., Black, J.R. and James, K.
A simple method for isolating α_2 macroglobulin-cytokine complexes (169) 287

D

D'Agostino, F., see Sorice, M. (173) 49
Dahms, K.M., see Crowe, P.D. (168) 79
Daiss, J.L., see Scalice, E.R. (172) 147
Damoiseaux, J.G.M.C., see Dijkstra, C.D. (174) 21
Danilova, N.P.
ELISA screening of monoclonal antibodies to haptens: influence of the chemical structure of hapten-protein conjugates (173) 111
Danø, K., see Rønne, E. (167) 91
D'Apuzzo, M., see Grunow, R. (171) 93
Daubenberger, C., see Nandan, D. (176) 255
Däubener, W., Wanagat, N., Pilz, K., Seghrouchni, S., Fischer, H.G. and Hadding, U.
A new, simple, bioassay for human IFN-γ (168) 39
David, B., see Guérin-Marchand, C. (167) 219
Davies, J., Dawkes, A.C., Haymes, A.G., Roberts, C.J., Sunderland, R.F., Wilkins, M.J., Davies, M.C., Tendler, S.J.B., Jackson, D.E. and Edwards, J.C.
A scanning tunnelling microscopy comparison of passive antibody adsorption and biotinylated antibody linkage to streptavidin on microtiter wells (167) 263
Davies, M.C., see Davies, J. (167) 263
Davies, R.L., Parton, R., Coote, J.G., Gibbs, H.A. and Freer, J.H.
Evaluation of different methods for the detection of outer membrane proteins and lipopolysaccharides of *Pasteurella haemolytica* by immunoblotting (167) 35

Davis, L.S., McIlraith, M.J., Paecheo, T., Becker, B., Adix, L.M., Thomas, R., Wacholtz, M.C. and Lipsky, P.E.
Assessment of a positive selection technique using an avidin column to isolate human peripheral blood T cell subsets (175) 247
Davis, P.J., see Berry, M.J. (167) 173
Davis, W.C., see Reiken, S.R. (177) 199
Dawkes, A.C., see Davies, J. (167) 263
Day, N.K., see James-Yarish, M. (169) 73
Day, N.K., see Whitehurst, C.E. (175) 189
Debbia, M., see Lambin, P. (169) 139
Debray, M., see Chappey, O. (172) 219
De Bruijn, M.F.T.R., see Leenen, P.J.M. (174) 5
De Clerck, L.S., Bridts, C.H., Mertens, A.M., Moens, M.M. and Stevens, W.J.
Use of fluorescent dyes in the determination of adherence of human leucocytes to endothelial cells and the effect of fluorochromes on cellular function (172) 115
Dedoussis, G.V.Z., see Papadopoulos, N.G. (177) 101
DeGraaf, M.E., see Miceli, R.M. (167) 279
De Graaf, T., see Berry, M.J. (167) 173
De Groote, D., Fauchet, F., Jadoul, M., Dehart, I., Raher, S., Gevaert, Y., Lopez, M., Gathy, R., Franssen, J.D., Radoux, D., Franchimont, P., Soulillou, J.P., Jacques, Y. and Godard, A.
An ELISA for the measurement of human leukemia inhibitory factor in biological fluids and culture supernatants (167) 253
De Groote, D., Marchant, A., Fauchet, F., Jadoul, M., Dehart, I., Gérard, C., Gevaert, Y., Lopez, M., Gathy, R., Franssen, J.D., Radoux, D. and Franchimont, P.
Characterisation of monoclonal antibodies against human interleukin-10 and their use in an ELISA for the measurement of this cytokine (177) 225
Dehart, I., see De Groote, D. (167) 253
Dehart, I., see De Groote, D. (177) 225
De Jong, B.A.W., see Verheijen, R. (169) 173
De Jong, J., see Hylkema, M.N. (170) 93
Delanoye, A., see Asseman, C. (173) 93
Delriviere, L., see Kobayashi, E. (171) 33
Del Rosario Stumpo, R., Llera, A.S., Cardoso, A.I. and Poskus, E.
Solid versus liquid phase assays in detection of insulin antibodies. Influence of iodination site on labelled insulin binding (169) 241
Deluchi, S., see Manghi, M.A. (168) 17
De Monchy, J.G.R., see Berends, C. (167) 183
De Parseval, A., see Willett, B.J. (176) 213
Derer, W., see Schulz, J. (167) 1
De Roquigny, Y.G.H. and Bégaud, E.
Escherichia coli heat-stable enterotoxin (STa)-biotin enzyme-linked immunosorbent assay (STa-biotin ELISA) (173) 1
Desgranges, C., see Fraisier, C. (176) 9
Deshpande, S.V., see Nag, B. (169) 273
Deshpande, S.V., see Nag, B. (172) 269
De Smet, K.A.L., Vordermeier, H.M. and Ivanyi, J.
A versatile system for the production of recombinant chimeric peptides (177) 243
Desravines, S. and Hsu, E.
Measuring CDR3 length variability in individuals during ontogeny (168) 219
Desvaux, F.X., see Guérin-Marchand, C. (167) 219
Dettlaff, S., see Schulz, J. (167) 1
Dewald, B., see Towbin, H. (170) 125
De Zwart, J.F., see Mariani, E. (172) 173
Diamant, M., Hansen, M.B., Rieneck, K., Svenson, M., Yasukawa, K. and Bendtzen, K.
Stimulation of the B9 hybridoma cell line by soluble interleukin-6 receptors (173) 229
Diehl, V., see Bohlen, H. (173) 55
Dieter, P.
Arachidonic acid and eicosanoid release (174) 223
Dijkhuizen, B., see Berends, C. (167) 183
Dijkstra, C.D., Döpp, E.A., Van den Berg, T.K. and Damoiseaux, J.G.M.C.
Monoclonal antibodies against rat macrophages (174) 21
Dillner, J.
Enzyme immunoassay detection of induction of MHC class I expression by synthetic peptides from the E6 and E7 regions of human papillomavirus type 16 (167) 195
Di Paola, G., see Manghi, M.A. (168) 17
Djavadi-Ohaniance, L., see Larvor, M.-P. (170) 167
Dockrell, H.M., see Weir, R.E. (176) 93
Dolezal, O., see Lilley, G.G. (171) 211
Dominice, C., see Hanin, V. (173) 139
Donini, S., see Boe, A. (171) 157
Donnelly, J.J., Ulmer, J.B. and Liu, M.A.
Immunization with DNA (176) 145
Donovan, M., see Tamul, K.R. (167) 237
Döpp, E.A., see Dijkstra, C.D. (174) 21
Dou, Y.-M., see Mazda, O. (169) 53
Doyle, A., see Fraser, I. (174) 95
Drevet, P., see Ezan, E. (169) 205
Drößler, K., see Garn, H. (168) 253
Drumm, A., see Hale, G. (171) 15
Dübel, S., Breitling, F., Fuchs, P., Zewe, M., Gotter, S., Welschof, M., Moldenhauer, G. and Little, M.
Isolation of IgG antibody Fv-DNA from various mouse and rat hybridoma cell lines using the polymerase chain reaction with a simple set of primers (175) 89
Dübel, S., see Micheel, B. (171) 103
Dubois, P., see Garraud, O. (173) 165
Ducancel, F., see Ezan, E. (169) 205
Duerr, M., see Pauli, U. (171) 263
Dufour, M.-N., see Hanin, V. (173) 139
Dumont, S., see Faradji, A. (174) 297
Duncan, J., see Wen, S.F. (169) 231
Durant, J., see Ferrua, B. (176) 103

E

Eales, L.-J., see Cook, F. (168) 203
Ebersold, A., see Fraisier, C. (176) 9

Echner, H., see Becker, S. (177) 131
Eckert, K., see Garbin, F. (170) 269
Edgar, J.A., see Geddes, N.J. (175) 149
Edwards, C.L., see Freedman, R.S. (167) 145
Edwards, J.C., see Davies, J. (167) 263
Eischen, A., see Faradji, A. (174) 297
Elliott, S.-F., see Cunningham, A.J. (169) 287
Elliott, S.-F., see James, K. (168) 33
Elmaleh, D., see Melder, R.J. (175) 79
Ember, I., see Szücs, S. (167) 245
Emmanuel, P.J., see James-Yarish, M. (169) 73
Emmrich, F., see Siegling, A. (177) 23
Enerbäck, L., see Chen, X.-J. (177) 139
Engert, A., see Bohlen, H. (173) 55
Enosawa, S., see Kobayashi, E. (171) 33
Enzmann, V., see Garn, H. (168) 253
Eriksson, P.V., see Manghi, M.A. (168) 17
Esnault, V.L.M., see Audrain, M.A.P. (176) 23
Essayan, D.M., see Huang, S.-K. (168) 167
Etrillard, M., see Lu, Z.-Y. (173) 19
Ezan, E., Ducancel, F., Gillet, D., Drevet, P., Ménez, A., Grognet, J.-M. and Boulain, J.-C.
Recombinant technology in the preparation of immunogen and enzymatic tracer. Application to the development of an enzyme immunoassay for rat prolactin (169) 205
Ezan, E., see Volland, H. (175) 97

F

Facchini, A., see Mariani, E. (172) 173
Falagiani, P., Mistrello, G., Rapisarda, G., Festa, A., Cislaghi, C. and Zanoni, D.
Evaluation of allergenic potency by REAST inhibition. A new tool for the standardization of allergenic extracts (173) 181
Faradji, A., Bohbot, A., Schmitt-Goguel, M., Siffert, J.C., Dumont, S., Wiesel, M.L., Piemont, Y., Eischen, A., Bergerat, J.P., Bartholeyns, J., Poindron, P., Witz, J.P. and Oberling, F.
Large scale isolation of human blood monocytes by continuous flow centrifugation leukapheresis and counterflow centrifugation elutriation for adoptive cellular immunotherapy in cancer patients (174) 297
Fauchet, F., see De Groote, D. (167) 253
Fauchet, F., see De Groote, D. (177) 225
Fei, D.T.W., Lowe, J. and Jardieu, P.
A novel bioactivity assay for monoclonal antibodies directed against IgE (171) 189
Feldman, R.G., Hamel, M.E., Breukels, M.A., Concepcion, N.F. and Anthony, B.F.
Solid-phase antigen density and avidity of antibodies detected in anti-group B streptococcal type III IgG enzyme immunoassays (170) 37
Felix, A., see Tsitsiloni, O.E. (169) 163
Fernandes, B.J., see Shpitz, B. (169) 1
Ferrua, B., Tran, T.T., Quaranta, J.F., Kubar, J., Roptin, C., Condom, R., Durant, J. and Guedj, R.
Measurement of the anti-HIV agent 2′,3′-didehydro-2′,3′-dideoxythymidine (D4T) by competitive ELISA (176) 103
Ferrua, B., see Akhoundi, C. (172) 189
Festa, A., see Falagiani, P. (173) 181
Festin, R., Björkland, A. and Tötterman, T.H.
Multicolor flow cytometric analysis of the CD45 antigen provides improved lymphoid cell discrimination in bone marrow and tissue biopsies (177) 215
Finn, A. and Rebuck, N.
Measurement of adhesion molecule expression on neutrophils and fixation (171) 267
Fischer, H.D., see Miceli, R.M. (167) 279
Fischer, H.G., see Däubener, W. (168) 39
Fisher, A.G., see Merkenschlager, M. (171) 177
Flavetta, S., see Montero-Julian, F.A. (169) 111
Fleischer, B., see Schlaak, J.F. (168) 49
Fok, K., see Nag, B. (172) 95
Folds, J.D., see Tamul, K.R. (167) 237
Fonteneau, P., see Lombard, Y. (174) 155
Ford, J., see Kees, U.R. (168) 1
Foti, M., see Lutz, M.B. (174) 269
Fraisier, C., Ebersold, A., Blomberg, J. and Desgranges, C.
Primary in vitro immunization with multimeric synthetic peptides of HIV-1 envelope glycoproteins: generation of neutralizing human monoclonal antibodies (176) 9
Fraker, P.J., see Telford, W.G. (172) 1
Franchimont, P., see De Groote, D. (167) 253
Franchimont, P., see De Groote, D. (177) 225
Fránek, M., see Skládal, P. (176) 117
Franke, G., Freihorst, J., Steinmüller, C., Verhagen, W., Hockertz, S. and Lohmann-Matthes, M.-L.
Interaction of alveolar macrophages and respiratory syncytial virus (174) 173
Franke, L. and Porstmann, T.
A highly sensitive non-radioactive cytotoxicity assay for human target cells (171) 259
Franssen, J.D., see De Groote, D. (167) 253
Franssen, J.D., see De Groote, D. (177) 225
Fraser, I., Doyle, A., Hughes, D. and Gordon, S.
Use of surface molecules and receptors for studying macrophages and mononuclear phagocytes (174) 95
Frazer, J.M., see Hendrickson, T.L. (172) 165
Freedman, R.S., Tomasovic, B., Templin, S., Atkinson, E.N., Kudelka, A., Edwards, C.L. and Platsoucas, C.D.
Large-scale expansion in interleukin-2 of tumor-infiltrating lymphocytes from patients with ovarian carcinoma for adoptive immunotherapy (167) 145
Freer, J.H., see Davies, R.L. (167) 35
Freihorst, J., see Franke, G. (174) 173
Friedrich, J., see Lohmeyer, J. (172) 59
Fritzsche, U., see Schulz, J. (167) 1

Frondorf, K.A. and Wolos, J.A.
Induction of collagen-induced arthritis in mice using a non-ulcerative adjuvant (172) 131
Frutig, K., see Grunow, R. (171) 93
Frutiger, S., see Tissot, J.-D. (173) 63
Fuchs, P., see Dübel, S. (175) 89
Fujimoto, S., see Inoue, T. (173) 157
Fujimoto, S., see Mazda, O. (169) 53
Fujiwara, K., Matsumoto, N., Masuyama, Y., Kitagawa, T., Inoue, Y., Inouye, K. and Hougaard, D.M.
New hapten-protein conjugation method using *N*-(*m*-aminobenzoyloxy)succinimide as a two-level heterobifunctional agent: thyrotropin-releasing hormone as a model peptide without free amino or carboxyl groups (175) 123
Fujiwara, K., see Shitara, K. (169) 83
Fukuda, H., see Tomioka, K. (176) 1
Fukushima, M., see Shitara, K. (167) 271
Furlong, D.N., see Geddes, N.J. (175) 149
Furuya, A., see Shitara, K. (169) 83
Fusenig, N.E., see Schulz, J. (167) 1

G

Gahn, G., see Wixler, V. (171) 121
Gaillard, J.P., see Montero-Julian, F.A. (169) 111
Gaines Das, R.E., see Meager, A. (170) 1
Gallay, P., see Heumann, D. (171) 169
Gallinger, S., see Shpitz, B. (169) 1
Galvez, J., Cabrera, L., Lajarin, F. and Garcia-Peñarrubia, P.
Binding units (BU) and the area under binding isotherms (AUI). New indices of effector-target conjugation (170) 197
Gani, M., see Berry, M.J. (167) 173
Ganzel, K., see Karawajew, L. (177) 119
Gao, J., see Xiang, Z. (168) 275
Garbin, F., Eckert, K. and Maurer, H.R.
Evaluation of the MTT and SRB assays for testing LAK cell-mediated growth inhibition of various adherent and non-adherent tumor target cells (170) 269
Garcia-Peñarrubia, P., see Galvez, J. (170) 197
Garn, H., Krause, H., Enzmann, V. and Drößler, K.
An improved MTT assay using the electron-coupling agent menadione (168) 253
Garofalo, T., see Sorice, M. (173) 49
Garraud, O., Perraut, R., Gysin, J., Behr, C., Dubois, P., Bonnemains, B., Jouin, H., Michel, J.-C. and Pereira da Silva, L.
Manipulating blood T cells and B cells from squirrel monkeys: some technical considerations (173) 165
Gathy, R., see De Groote, D. (167) 253
Gathy, R., see De Groote, D. (177) 225
Geddes, N.J., Martin, A.S., Caruso, F., Urquhart, R.S., Furlong, D.N., Sambles, J.R., Than, K.A. and Edgar, J.A.
Immobilisation of IgG onto gold surfaces and its interaction with anti-IgG studied by surface plasmon resonance (175) 149
Gee, S.J., see Jones, G. (177) 1
Gengozian, N., see Whitehurst, C.E. (175) 189
George, H.J., see Stoltenborg, J.K. (175) 59
Geradts, J., see Wen, S.F. (169) 231
Gérard, C., see De Groote, D. (177) 225
Gerdes, J., see Key, G. (177) 113
Gerritsen, J., see Berends, C. (167) 183
Gevaert, Y., see De Groote, D. (167) 253
Gevaert, Y., see De Groote, D. (177) 225
Geysen, H.M., see Reece, J.C. (172) 241
Giaimis, J., see Lombard, Y. (174) 155
Gibbs, H.A., see Davies, R.L. (167) 35
Gibson, C.E., Penttila, I.A., Leong, A.S.-Y., Milios, J., Zola, H. and LaBrooy, J.T.
Dual staining of lymphocyte membrane antigens with colloidal gold and biotinylated horseradish peroxidase (167) 65
Gidlund, M., see Hinkula, J. (175) 37
Gill, R.F., Abastado, J.-P. and Wei, W.-Z.
Systematic identification of H-2 K^d binding peptides and induction of peptide specific CTL (176) 245
Gillet, D., see Ezan, E. (169) 205
Giorgi, J.V., see Schmid, I. (170) 145
Glauser, M.P., see Heumann, D. (171) 169
Gleich, G.J., see Ide, M. (168) 187
Glick, G.D., see Stevens, S.Y. (177) 185
Godard, A., see De Groote, D. (167) 253
Gogal, Jr., R.M., see Ansar Ahmed, S. (170) 211
Goldberg, M.E., see Larvor, M.-P. (170) 167
Goldmacher, V.S., see Sellers, J.R. (172) 255
Gonzague, M., see Bakkali, L. (170) 177
Good, R.A., see James-Yarish, M. (169) 73
Goodnight, J.A., see Weissinger, E.M. (168) 123
Gordon, S., see Fraser, I. (174) 95
Goto, S., see Kobayashi, E. (171) 33
Gotter, S., see Dübel, S. (175) 89
Gouvea, M.N., see Moro, A.M. (176) 67
Granucci, F., see Lutz, M.B. (174) 269
Grassi, J., see Volland, H. (175) 97
Grauwels, L., see Berghman, L.R. (168) 197
Graves, M.C., see Ravindranath, M.H. (169) 257
Green, T.A., see Nicholson, J.K.A. (177) 43
Gregory, B., Savino, R. and Ciliberto, G.
A fast and sensitive colorimetric assay for IL-6 in hepatoma cells based on the production of a secreted form of alkaline phosphatase (SEAP) (170) 47
Grieve, R.C.J., see McLaren, R.D. (177) 175
Griggi, T., see Sorice, M. (173) 49
Grimm, P.C., see Birk, P.E. (167) 83
Gritzapis, A.D., see Papadopoulos, N.G. (177) 101
Grognet, J.-M., see Ezan, E. (169) 205
Gromkowski, S.H., see Vahlsing, H.L. (175) 11
Groux, H., see Cottrez, F. (172) 85

Gruen, L.C., McKimm-Breschkin, J.L., Caldwell, J.B. and Nice, E.C.
Affinity ranking of influenza neuraminidase mutants with monoclonal antibodies using an optical biosensor. Comparison with ELISA and slot blot assays (168) 91
Grundy, M.A., Moore, K. and Coakley, W.T.
Increased sensitivity of diagnostic latex agglutination tests in an ultrasonic standing wave field (176) 169
Grunow, R., D'Apuzzo, M., Wyss-Coray, T., Frutig, K. and Pichler, W.J.
A cell surface ELISA for the screening of monoclonal antibodies to antigens on viable cells in suspension (171) 93
Gu, Z.-J., see Lu, Z.-Y. (173) 19
Guedj, R., see Ferrua, B. (176) 103
Guérin-Marchand, C., Batard, T., Brodard, V., Desvaux, F.X., Sénéchal, H., David, B. and Peltre, G.
DMISA (dissociated membrane immunosorbent assay), a new ELISA technique performed with blotted samples (167) 219
Guesdon, J.-L., see Auriol, J. (169) 123
Gugliucci Creriche, A. and Stahl, A.J.C.
Assay for scavenger receptors on human monocyte-derived macrophages (174) 103
Guillou, R., see Bakkali, L. (170) 177
Gustafsson, C., see Sjögren-Jansson, E. (168) 131
Gysin, J., see Garraud, O. (173) 165

H

Hadding, U., see Däubener, W. (168) 39
Haddox, J.L., Knowles, I.W., Sommers, C.I. and Pfister, R.R.
Characterization of chemical gradients in the collagen gel-visual chemotactic assay (171) 1
Håkansson, L., Nielsen, L.S. and Teder, P.
Measurement of neutrophil and eosinophil adhesion to E-selectin, VCAM-1, and ICAM-1 by the use of transfected fibroblast cell lines (176) 53
Halberg, P., see Verheijen, R. (169) 173
Hale, G., Drumm, A., Harrison, P. and Phillips, J.
Repeated cleaning of protein A affinity column with sodium hydroxide (171) 15
Halstensen, T.S., see Jahnsen, F.L. (173) 77
Halstensen, T.S., see Jahnsen, F.L. (175) 23
Hamblin, A.S.
Reply to the letter of A. Finn and N. Rebuck (171) 269
Hamblin, A.S.
Reply to the letter of A. Finn and N. Rebuck (J. Immunol. Methods 171 (1994) 269–270) (172) 271
Hamel, M.E., see Feldman, R.G. (170) 37
Hammock, B.D., see Jones, G. (177) 1
Hanai, N., see Shitara, K. (167) 271
Hanai, N., see Shitara, K. (169) 83
Handzel, V., see Vera-Cabrera, L. (177) 69
Hanin, V., Campagne, J.-M., Dominice, C., Mani, J.-C., Dufour, M.-N., Jouin, P. and Pau, B.
Characterization of a monoclonal antibody produced in an attempt to mimic the active site of HIV aspartyl protease using haptens based on inhibitor models (173) 139
Hansen, M.B., see Diamant, M. (173) 229
Haraldsen, G., see Jahnsen, F.L. (173) 77
Hardie, D., see Ling, N.R. (173) 11
Hardy, E., Ohlin, M. and Llano, M.
Enhanced ELISA sensitivity using TCA for efficient coating of biologically active lipopolysaccharides or lipid A to the solid phase (176) 111
Haritos, A.A., see Tsitsiloni, O.E. (169) 163
Harms, U., see Schulz, J. (167) 1
Harrison, P., see Hale, G. (171) 15
Hashida, S., see Hashinaka, K. (172) 179
Hashinaka, K., Hashida, S., Saitoh, A., Nakata, A., Shinagawa, H., Oka, S., Shimada, K. and Ishikawa, E.
Conjugation of recombinant reverse transcriptase of HIV-1 to β-D-galactosidase from *Escherichia coli* for ultrasensitive enzyme immunoassay (immune complex transfer enzyme immunoassay) of anti-HIV-1 IgG (172) 179
Haskard, D.O., see Meagher, L. (175) 237
Hatanaka, T., see Tsuruta, H. (176) 45
Hattori, A., see Inoue, T. (173) 157
Hattori, N., see Mazda, O. (169) 53
Hausner, E.A., see Stoltenborg, J.K. (175) 59
Havenith, C.E.G., see Betjes, M.G.H. (174) 215
Haverson, K., Bailey, M., Higgins, V.R., Bland, P.W. and Stokes, C.R.
Characterization of monoclonal antibodies specific for monocytes, macrophages and granulocytes from porcine peripheral blood and mucosal tissues (170) 233
HayGlass, K.T., see Li, Y. (175) 169
Haymes, A.G., see Davies, J. (167) 263
Hayward, A.R., Zerbe, G.O. and Levin, M.J.
Clinical application of responder cell frequency estimates with four years of follow up (170) 27
Hazenbos, W.L.W., see Langermans, J.A.M. (174) 185
Heaton, T., see Warrens, A.N. (169) 25
Heimer, E., see Tsitsiloni, O.E. (169) 163
Heimpel, H., see Prümmer, O. (171) 45
Heinz, H.-P., see Bunse, R. (177) 89
Hempel, K., see Wixler, V. (171) 121
Henderson, D.W., see Weissinger, E.M. (168) 123
Hendrickson, T.L., Wilson, G.S., Frazer, J.M., Liu, R.-S., McCormack, R.T. and Wolfert, R.L.
Enhanced immunogenicity of leucine enkephalin following coupling to anti-immunoglobulin and anti-CD3 antibodies (172) 165
Henry, N.L., see Ball, J.M. (171) 37
Hertel, M., see Bohlen, H. (173) 55
Hervé, M., see Mourier, G. (171) 65

Heuff, G., Meyer, S. and Beelen, R.H.J.
Isolation of rat and human Kupffer cells by a modified enzymatic assay (174) 61
Heumann, D., Gallay, P., Le Roy, D., Landmann, R. and Glauser, M.P.
Radioimmunoassay versus flow cytometric assay to quantify LPS-binding protein (LBP) concentrations in human plasma (171) 169
Hey, A.W., Johnsen, J.I., Johansen, B. and Traavik, T.
A two fusion partner system for raising antibodies against small immunogens expressed in bacteria (173) 149
Heymann, S., see Micheel, B. (171) 103
Hicks, C., Sleigh, M.J. and Chesterman, C.N.
Quantitation of platelet derived growth factor receptors on cells from human arterial segments (170) 83
Higgins, V.R., see Haverson, K. (170) 233
Hillyard, C.J., see Lilley, G.G. (171) 211
Hinkula, J., Gidlund, M., Persson, C., Osterhaus, A. and Wahren, B.
Enzyme immunoassay (ELISA) for the evaluation of antibodies directed to the CD4 receptor-binding site of the HIV gp120 molecule (175) 37
Hippler-Altenburg, R., see Bohlen, H. (173) 55
Hitsumoto, Y., Ohnishi, H., Okada, M., Nishimukai, H., Saheki, S. and Takeuchi, N.
Isolation of mouse complement component C7 (176) 163
Hochstrasser, D.F., see Tissot, J.-D. (173) 63
Hockertz, S., see Franke, G. (174) 173
Høier-Madsen, M., see Verheijen, R. (169) 173
Hoogenboom, H.R., see Åkerström, B. (177) 151
Horisberger, M., see Oh, S.-K. (176) 79
Horne, C.J., see McIntyre, C.A. (169) 213
Hosie, M.J., see Willett, B.J. (176) 213
Hougaard, D.M., see Fujiwara, K. (175) 123
Høyer-Hansen, G., see Rønne, E. (167) 91
Hozumi, N., see Shpitz, B. (169) 1
Hsu, E., see Desravines, S. (168) 219
Huang, S.-K., Essayan, D.M., Krishnaswamy, G., Yi, M., Kumai, M., Su, S.-N., Xiao, H.-Q., Lichtenstein, L.M. and Liu, M.C.
Detection of allergen- and mitogen-induced human cytokine transcripts using a competitive polymerase chain reaction (168) 167
Hudson, P.J., see Lilley, G.G. (171) 211
Hughes, D., see Fraser, I. (174) 95
Hughes, G.J., see Tissot, J.-D. (173) 63
Hui, K.M., Sabapathy, T.K., Oei, A.A. and Chia, T.F.
Generation of allo-reactive cytotoxic T lymphocytes by particle bombardment-mediated gene transfer (171) 147
Hüls, C., see Schlaak, J.F. (168) 49
Hülsen, A., see Schulz, J. (167) 1
Hunt, T., see Berry, M.J. (167) 173
Hunt, T.C., see Okayama, Y. (169) 153
Hurley, E.L., see Streck, R.J. (174) 67
Hutchinson, P., see Yang, Y.H. (172) 77
Huygen, H., see Hylkema, M.N. (170) 93
Hylkema, M.N., Huygen, H., Kramers, C., V.d. Wal, Th.J., De Jong, J., Van Bruggen, M.C.J., Swaak, A.J.G., Berden, J.H.M. and Smeenk, R.J.T.
Clinical evaluation of a modified ELISA, using photobiotinylated DNA, for the detection of anti-DNA antibodies (170) 93
Hylkema, M.N., Kramers, C., Van der Wal, T.J., Van Bruggen, M.C.J., Swaak, A.J.G., Berden, J.H.M. and Smeenk, R.J.T.
A new ELISA for the detection of anti-heparan sulfate reactivity, using photobiotinylated antigen (176) 33

I

Ide, M., Weiler, D., Kita, H. and Gleich, G.J.
Ammonium chloride exposure inhibits cytokine-mediated eosinophil survival (168) 187
Igarashi, S., see Shitara, K. (169) 83
Igimi, H., see Matsutani, T. (177) 9
Imai, Y. and Irimura, T.
Quantitative measurement of carbohydrate binding activity of mouse macrophage lectin (171) 23
Imrie, H., see Jones, D.R.E. (177) 235
Inoue, T., Matsuura, E., Nagata, A., Ogasawara, Y., Hattori, A., Kuroki, Y., Fujimoto, S. and Akino, T.
Enzyme-linked immunosorbent assay for human pulmonary surfactant protein D (173) 157
Inoue, Y., see Fujiwara, K. (175) 123
Inouye, K. and Morimoto, K.
Preparation of $F(ab')_{2\mu}$ fragments from rat IgM monoclonal antibodies and their application to the enzyme immunoassay of mouse interleukin-6 (171) 239
Inouye, K., see Fujiwara, K. (175) 123
Irimura, T., see Imai, Y. (171) 23
Irving, B.A., see Van Oers, N.S.C. (170) 261
Ishikawa, E., see Hashinaka, K. (172) 179
Ivanyi, J., see De Smet, K.A.L. (177) 243
Iwasawa, A., see Takeda, A. (168) 69

J

Jack, G.W., see Beer, D.J. (173) 103
Jackson, D.E., see Davies, J. (167) 263

Jacques, Y., see De Groote, D. (167) 253
Jadoul, M., see De Groote, D. (167) 253
Jadoul, M., see De Groote, D. (177) 225
Jagoda, E.M., Wen, M.-l.D., Yost, F.J., Schreiber, G.J. and Tu, J.-I.
An affinity column method for determination of the immunoreactivity of ^{131}I-chimeric L6 monoclonal antibody and comparison to in vivo tumor localization (173) 191
Jahn, S., see Roggenbuck, D. (167) 207
Jahnsen, F.L., Brandtzaeg, P. and Halstensen, T.S.
Monoclonal antibody EG2 does not provide reliable immunohistochemical discrimination between resting and activated eosinophils (175) 23
Jahnsen, F.L., Haraldsen, G., Rugtveit, J., Halstensen, T.S. and Brandtzaeg, P.
Differential interference contrast microscopy combined with immunofluorescence: a new method to phenotype eosinophils in situ (173) 77
Jain, R.K., see Melder, R.J. (175) 69
Jain, R.K., see Melder, R.J. (175) 79
James, K., Milne, I., Cunningham, A. and Elliott, S.-F.
The effect of α_2 macroglobulin in commercial cytokine assays (168) 33
James, K., see Cunningham, A.J. (169) 287
James-Yarish, M., Bradley, W.G., Emmanuel, P.J., Good, R.A. and Day, N.K.
Detection of cell specific cluster determinant expression by reverse transcriptase polymerase chain reaction (169) 73
Jaouen, G., see Philomin, V. (171) 201
Jaques, B.C., see Walker, K.G. (175) 141
Jardieu, P., see Fei, D.T.W. (171) 189
Jarrett, O., see Willett, B.J. (176) 213
Jay, F.T., see Li, Y. (175) 169
Jeansson, S., see Sjögren-Jansson, E. (168) 131
Jezewski, H.M., see Streck, R.J. (174) 67
Johansen, B., see Hey, A.W. (173) 149
Johansen, H.T., see Nielsen, E.W. (173) 245
Johnsen, A.H., see Rehfeld, J.F. (171) 139
Johnsen, J.I., see Hey, A.W. (173) 149
Jones, D.R.E., Thompson, R.J., Amirchetty Rao, S. and Imrie, H.
An enzyme-linked immunosorbent assay for complement regulatory proteins and membrane-bound immunoglobulins on intact red blood cells (177) 235
Jones, G., Wortberg, M., Kreissig, S.B., Bunch, D.S., Gee, S.J., Hammock, B.D. and Rocke, D.M.
Extension of the four-parameter logistic model for ELISA to multianalyte analysis (177) 1
Jonker, M., see 't Hart, B.A. (176) 179
Jouin, H., see Garraud, O. (173) 165
Jouin, P., see Hanin, V. (173) 139
Jubert, S., see Nicholson, J.K.A. (177) 43
Juliusson, S., see Chen, X.-J. (177) 139
Jung, G., see Borges, E. (173) 253
Jung, G., see Karawajew, L. (173) 27
Jung, G., see Karawajew, L. (177) 119

K

Kähne, T. and Ansorge, S.
Non-radioactive labelling and immunoprecipitation analysis of leukocyte surface proteins using different methods of protein biotinylation (168) 209
Kalil, J.E., see Moro, A.M. (176) 67
Kalunta, C.I., see Yen, C.F. (177) 55
Kamada, N., see Kobayashi, E. (171) 33
Kaneshige, T., see Matsutani, T. (177) 9
Kaptein, J.S., see Yen, C.F. (177) 55
Kapurnotu, A., see Becker, S. (177) 131
Karawajew, L., Jung, G., Wolf, H., Micheel, B. and Ganzel, K.
A flow cytometric long-term cytotoxicity assay (177) 119
Karawajew, L., Micheel, B., Jung, G., Wolf, H. and Behrsing, O.
A simple and sensitive method to study effects mediated by soluble lymphokines as demonstrated by the interaction of $CD4^+$ and $CD8^+$ cell subsets during T cell activation (173) 27
Kardol, M.J., see Schanz, U. (169) 221
Karlsson, U., see Sjögren-Jansson, E. (168) 131
Karn, H.A., see Baker, M.D. (168) 25
Kassel, O., see Okayama, Y. (169) 153
Katayose, Y., see Kudo, T. (177) 17
Katoh, S., see Tomioka, K. (176) 1
Katsura, Y., see Mazda, O. (169) 53
Katzenel, A., see Tarshis, M. (168) 245
Kauffman, H.F., see Berends, C. (167) 183
Kearse, K.P. and Singer, A.
Isolation of immature and mature T cell receptor complexes by lectin affinity chromatography (167) 75
Kees, U.R., Peroni, S.E., Ranford, P.R. and Ford, J.
A new human cell line for the molecular dissection of the requirement for interleukin-1 in the production of interleukin-2 by immature T cells (168) 1
Keld, B., see Schmid, I. (170) 145
Keller, F.
Methods for studying antiviral functions of macrophages and mononuclear phagocytes (174) 167
Kelley, K.W., see Biragyn, A. (168) 235
Kemp, B.E., see Wilson, K.M. (175) 267
Kendrick, T., see Nag, B. (169) 273
Kendrick, T., see Nag, B. (172) 269
Kennedy, M.K., see Ramsdell, F. (167) 299
Kepley, C., Craig, S. and Schwartz, L.
Purification of human basophils by density and size alone (175) 1
Kertai, P., see Szücs, S. (167) 245
Key, G., Kubbutat, M.H.G. and Gerdes, J.
Assessment of cell proliferation by means of an enzyme-linked immunosorbent assay based on the detection of the Ki-67 protein (177) 113

Kiessig, S.T., see Roggenbuck, D. (167) 207
Kii, F., see Tomioka, K. (176) 1
Kikuchi, Y., Migita, M., Takaki, S., Tominaga, A. and Takatsu, K.
Biochemical and functional characterization of soluble form of IL-5 receptor α (sIL-5Rα). Development of ELISA system for detection of sIL-5Rα (167) 289
Kim, C.-K. and Park, K.-M.
Liposome immunoassay (LIA) for gentamicin using phospholipase C (170) 225
Kimura, K., see Matsubara, K. (173) 175
King, L.E., see Telford, W.G. (172) 1
Kita, H., see Ide, M. (168) 187
Kitagawa, T., see Fujiwara, K. (175) 123
Klarmann, B., see Wixler, V. (171) 121
Klatzmann, D., see Willett, B.J. (176) 213
Klein, B., see Lu, Z.-Y. (173) 19
Klein, B., see Montero-Julian, F.A. (169) 111
Knop, J., see Becker, D. (169) 195
Knowles, I.W., see Haddox, J.L. (171) 1
Kobayashi, E., Kamada, N., Enosawa, S., Toyama, N., Delriviere, L., Goto, S., Lord, R., Stamatiou, S. and Miyata, M.
A technique for complete thymectomy in adult rats (171) 33
Köhler, G., see Bühler, B. (175) 259
Kohsaka, H., see Taniguchi, A. (169) 101
Koike, M., see Shitara, K. (169) 83
Kolář, V., see Skládal, P. (176) 117
Kolde, G., see Becker, D. (169) 195
Kostavasili, I., see Lao, Z. (176) 127
Kraakman, E., see 't Hart, B.A. (176) 179
Krakauer, T.
A sensitive ELISA for measuring the adhesion of leukocytic cells to human endothelial cells (177) 207
Kramers, C., see Hylkema, M.N. (170) 93
Kramers, C., see Hylkema, M.N. (176) 33
Krause, H., see Garn, H. (168) 253
Kreissig, S.B., see Jones, G. (177) 1
Kreuzburg-Duffy, U.C.K. and MacDonald, C.
Establishment and characterization of murine macrophage-like cell lines following transformation with simian virus 40 DNA deleted at the origin of replication (174) 33
Krishnaswamy, G., see Huang, S.-K. (168) 167
Kristoffersen, E.K., Matre, R., Ulvestad, E. and Vedeler, C.A.
A dot-immunobinding assay for the demonstration of soluble Fcγ receptors (167) 15
Kubanek, B., see Schreiner, T. (168) 183
Kubar, J., see Ferrua, B. (176) 103
Kubbutat, M.H.G., see Key, G. (177) 113
Kudelka, A., see Freedman, R.S. (167) 145
Kudo, T., Saeki, H., Katayose, Y. and Yasui, A.
Construction of a human B cell line, TKHMY, suitable for production of stable human hybridomas (177) 17
Kumai, M., see Huang, S.-K. (168) 167
Kumar, S., see Wang, J.M. (171) 55
Kurdikar, D.L., see Reiken, S.R. (177) 199
Kuroki, Y., see Inoue, T. (173) 157
Kuschner, W.G., see Shahan, T.A. (175) 181
Kusterbeck, A.W., see Rabbany, S.Y. (168) 227
Kuttner, D.K., see Prince, H.E. (177) 165
Kwiatkowski, M., Parik, J. and Landegren, U.
A high-capacity manifold support for the detection of specific IgE antibodies in allergic individuals (168) 137

L

LaBrooy, J.T., see Gibson, C.E. (167) 65
Lad, P.M., see Yen, C.F. (177) 55
Lagacé, J., Arsenault, S. and Cohen, E.A.
Alcian blue-treated polystyrene microtitre plates for use in an ELISA to measure antibodies against synthetic peptides (175) 131
Lajarin, F., see Galvez, J. (170) 197
Lambin, P., Bouzoumou, A., Murrieta, M., Debbia, M., Rouger, P., Leynadier, F. and Levy, D.A.
Purification of human IgG4 subclasswith allergen-specific blocking activity (J. Immunol. Methods 165 (1993) 99–111) (169) 139
Lambris, J.D., see Lao, Z. (176) 127
Landegren, U., see Kwiatkowski, M. (168) 137
Landmann, R., see Heumann, D. (171) 169
Lang, E., Szendrei, G.I., Lee, V.M.-Y. and Otvos, Jr., L.
Spectroscopic evidence that monoclonal antibodies recognize the dominant conformation of medium-sized synthetic peptides (170) 103
Langenhuijsen, M.M.A.C., see Van de Loosdrecht, A.A. (174) 311
Langermans, J.A.M., Hazenbos, W.L.W. and Van Furth, R.
Antimicrobial functions of mononuclear phagocytes (174) 185
Lao, Z., Wang, Y., Mavroidis, M., Kostavasili, I. and Lambris, J.D.
Overexpression, purification, and characterization of third component of complement (176) 127
Larsson, M., see Lövgren, K. (173) 237
Larvor, M.-P., Djavadi-Ohaniance, L., Nall, B. and Goldberg, M.E.
Measurement of the dissociation rate constant of antigen/antibody complexes in solution by enzyme-linked immunosorbent assay (170) 167
Laszlo, A., see Vera-Cabrera, L. (177) 69
Lau, B.H.S., see Wan, C.P. (173) 265
Lawry, J., see McIntyre, C.A. (169) 213
Le, J., see Yang, D. (176) 265
Lechler, R.I., see Warrens, A.N. (169) 25
Ledue, T.B., Craig, W.Y., Collins, M.F. and Ritchie, R.F.
Technical issues related to checkerboard immunoblotting (176) 275
Lee, V.M.-Y., see Lang, E. (170) 103

Leenen, P.J.M., De Bruijn, M.F.T.R., Voerman, J.S.A., Campbell, P.A. and Van Ewijk, W.
Markers of mouse macrophage development detected by monoclonal antibodies (174) 5
Legastelois, S., Thomas, V., Quash, G., Métais, M.-P., Tebib, J., Moreira, A. and Monier, J.-C.
Naturally occurring antibodies reacting with lipoic acid: screening method, characterization and biochemical interest (171) 111
Legris, F., Martel-Pelletier, J., Pelletier, J.-P., Colman, R. and Adam, A.
An ultrasensitive chemiluminoenzyme immunoassay for the quantification of human tissue kininogens: application to synovial membrane and cartilage (168) 111
Lehmann, M., see Siegling, A. (177) 23
Leidy, Jr., J.W.
High sensitivity two-site immunoradiometric and immunochemiluminometric assays for rat growth hormone-releasing hormone. Development of an acridinium ester based chemiluminescence assay for the avidin-coated bead system (172) 197
Lemieux, R., see Bazin, R. (172) 209
Lenaerts, J.-P., see Wuyts, A. (174) 237
Lenti, L., see Sorice, M. (173) 49
Leo, O., see Baus, E. (173) 41
Léonetti, M., see Mourier, G. (171) 65
Leong, A.S.-Y., see Gibson, C.E. (167) 65
Le Roy, D., see Heumann, D. (171) 169
Leroy, S., see Mourier, G. (171) 65
Levin, M.J., see Hayward, A.R. (170) 27
Levine, S. and Saltzman, A.
Method for systemic anaphylactic challenge in the rat using subplantar route (173) 203
Levy, D.A., see Lambin, P. (169) 139
Lewis, C.E., see Bromley, L. (167) 47
Lewis, D.M., see Shahan, T.A. (175) 181
Leynadier, F., see Lambin, P. (169) 139
Li, X., Abdi, K. and Mentzer, S.J.
o-Phthaldehyde fluorescence microassay for the determina of antibody concentration (172) 141
Li, Y., Stefura, W.P., Simons, F.E.R., Jay, F.T. and HayGlass, K.T.
Limiting dilution analysis of antigen stimulated IL-4 and IFN-γ production in human mononuclear cell populations (175) 169
Liang, M.N., Witt, S.N. and McConnell, H.M.
Inhibition of class II MHC-peptide complex formation by protease inhibitors (173) 127
Liautard, J., see Montero-Julian, F.A. (169) 111
Liberato, D.J., see Nadeau, R.W. (168) 9
Lichtenfels, R., Biddison, W.E., Schulz, H., Vogt, A.B. and Martin, R.
CARE-LASS (calcein-release-assay), an improved fluorescence-based test system to measure cytotoxic T lymphocyte activity (172) 227
Lichtenstein, L.M., see Huang, S.-K. (168) 167
Lieberman, M., see Small, M. (167) 103
Ligler, F.S., see Rabbany, S.Y. (168) 227
Lillevang, S.T., Toft, P. and Nielsen, B.
A method for isolating granulocytes from rabbit blood without causing activation (169) 137
Lilley, G.G., Dolezal, O., Hillyard, C.J., Bernard, C. and Hudson, P.J.
Recombinant single-chain antibody peptide conjugates expressed in *Escherichia coli* for the rapid diagnosis of HIV (171) 211
Lin, C.-K.E., see Yen, C.F. (177) 55
Lindner, N., see Berry, M.J. (167) 173
Ling, N.R., Brown, B. and Hardie, D.
Synergy test for recognition of epitopes on soluble proteins; its application in the study of CD21 and CD23 antigens and their respective antibodies (173) 11
Lipsky, P.E., see Davis, L.S. (175) 247
Little, M., see Dübel, S. (175) 89
Little, M., see Micheel, B. (171) 103
Littlejohn, G.O., see Yang, Y.H. (172) 77
Litton, M.J., Sander, B., Murphy, E., O'Garra, A. and Abrams, J.S.
Early expression of cytokines in lymph nodes after treatment in vivo with *Staphylococcus* enterotoxin B (175) 47
Liu, M.A., see Donnelly, J.J. (176) 145
Liu, M.C., see Huang, S.-K. (168) 167
Liu, M.C., see Viksman, M.Y. (172) 17
Liu, R.-S., see Hendrickson, T.L. (172) 165
Livaniou, E., see Becker, S. (177) 131
Llano, M., see Hardy, E. (176) 111
Llera, A.S., see Del Rosario Stumpo, R. (169) 241
Locksley, R.M., see Reiner, S.L. (173) 133
Locksley, R.M., see Reiner, S.L. (175) 275
Lockwood, C.M., see Audrain, M.A.P. (176) 23
Loh, E.Y., see Moonka, D. (169) 41
Lohmann-Matthes, M.-L., see Franke, G. (174) 173
Lohmeyer, J., Friedrich, J., Rosseau, S., Pralle, H. and Seeger, W.
Multiparameter flow cytometric analysis of inflammatory cells contained in bronchoalveolar lavage fluid (172) 59
Lombard, Y., Giaimis, J., Makaya-Kumba, M., Fonteneau, P. and Poindron, P.
A new method for studying the binding and ingestion of zymosan particles by macrophages (174) 155
Lombardi, G., see Warrens, A.N. (169) 25
Lopez, M., see De Groote, D. (167) 253
Lopez, M., see De Groote, D. (177) 225
Lord, R., see Kobayashi, E. (171) 33
Lorenz, R., see Wixler, V. (171) 121
Lövgren, J. and Blomberg, K.
Simultaneous measurement of NK cell cytotoxicity against two target cell lines labelled with fluorescent lanthanide chelates (173) 119
Lövgren, K. and Larsson, M.
Conjugation of synthetic peptides to carrier iscoms: factors affecting the immunogenicity of the conjugate (173) 237
Lowe, J., see Fei, D.T.W. (171) 189
Lowe, J., see Thompson, J.M. (175) 137
Lu, Z.-Y., Zhang, X.-G., Gu, Z.-J., Yasukawa, K., Amiot, M., Etrillard, M., Bataille, R. and Klein, B.

A highly sensitive quantitative bioassay for human interleukin-11 (173) 19
Luescher, I.F., see Romero, P. (171) 73
Luhowskyj, S., see Oh, S.-K. (176) 79
Lukas, J., Bartek, J. and Strauss, M.
Efficient transfer of antibodies into mammalian cells by electroporation (170) 255
Lutz, M.B., Granucci, F., Winzler, C., Marconi, G., Paglia, P., Foti, M., Aßmann, C.U., Cairns, L., Rescigno, M. and Ricciardi-Castagnoli, P.
Retroviral immortalization of phagocytic and dendritic cell clones as a tool to investigate functional heterogeneity (174) 269
Luzio, J.P., see Taylor, K.M. (167) 129
Lycke, N., see Sjögren-Jansson, E. (168) 131
Lyons, A.B. and Parish, C.R.
Determination of lymphocyte division by flow cytometry (171) 131

M

Ma, J.K., see White, M.L. (167) 227
Maccari, B., see Schreiner, T. (168) 183
MacDonald, C., see Kreuzburg-Duffy, U.C.K. (174) 33
Mahiouz, D., see Meagher, L. (175) 237
Maillère, B., see Mourier, G. (171) 65
Majumdar, A.S., see Small, M. (167) 103
Makaya-Kumba, M., see Lombard, Y. (174) 155
Male, D., see Pryce, G. (167) 55
Mamas, S., see Volland, H. (175) 97
Manghi, M.A., Pasetti, M.F., Brero, M.L., Deluchi, S., Di Paola, G., Mathet, V. and Eriksson, P.V.
Development of an ELISA for measuring the activity of tetanus toxoid in vaccines and comparison with the toxin neutralization test in mice (168) 17
Mani, J.-C., see Hanin, V. (173) 139
Manthorpe, M., see Vahlsing, H.L. (175) 11
Mantovani, A., see Peri, G. (174) 249
Manzke, O., see Bohlen, H. (173) 55
Marchant, A., see De Groote, D. (177) 225
Marconi, G., see Lutz, M.B. (174) 269
Mariani, A.R., see Mariani, E. (172) 173
Mariani, E., Monaco, M.C.G., Sgobbi, S., De Zwart, J.F., Mariani, A.R. and Facchini, A.
Standardization of a micro-cytotoxicity assay for human natural killer cell lytic activity (172) 173
Markovic, B., Wu, Z.H., Chesterman, C.N. and Chong, B.H.
Quantitation of FcγRII mRNA in platelets and megakaryoblastic cell lines by a new method of in situ hybridization (172) 105
Martel-Pelletier, J., see Legris, F. (168) 111
Martin, A.S., see Geddes, N.J. (175) 149
Martin, R., see Lichtenfels, R. (172) 227
Martinet, N., see Martinet, Y. (174) 209
Martinet, N., see Plenat, F. (174) 133
Martinet, N., see Vignaud, J.M. (174) 281
Martinet, Y., Martinet, N., Vignaud, J.-M. and Plenat, F.
Blood monocyte chemotaxis (174) 209
Martinet, Y., see Plenat, F. (174) 133
Martinet, Y., see Vignaud, J.M. (174) 281
Marx, U., see Roggenbuck, D. (167) 207
März, W., see Chen, M. (168) 257
Mascini, M., see Skládal, P. (176) 117
Mastrangeli, R., see Boe, A. (171) 157
Masuyama, Y., see Fujiwara, K. (175) 123
Mathet, V., see Manghi, M.A. (168) 17
Matre, R., see Kristoffersen, E.K. (167) 15
Matsubara, K., Tanabe, K.-i., Akane, A., Nakamura, H., Takahashi, S. and Kimura, K.
A novel assay for typing Rh antigens in blood-stains using a lectin specific to the bisecting *N*-acetyl-D-glucosamine side chain of glycoprotein (173) 175
Matsui, S., see Tsuruta, H. (176) 45
Matsumoto, N., see Fujiwara, K. (175) 123
Matsutani, T., Oishi, C., Kaneshige, T., Igimi, H., Uchida, K., Tsuruta, Y., Yoshioka, T., Suzuki, R. and Sakata, T.
Molecular analysis of T cell receptor Vβ chain to detect leukemia cell clonality in patients by adaptor ligation-mediated polymerase chain reaction (177) 9
Matsuura, E., see Inoue, T. (173) 157
Matteucci, C., see Peri, G. (174) 249
Maurer, H.R., see Garbin, F. (170) 269
Mavroidis, M., see Lao, Z. (176) 127
Mazda, O., Teshigawara, K., Fujimoto, S., Hattori, N., Dou, Y.-M. and Katsura, Y.
A reporter system using a flow cytometer to detect promoter/enhancer activity in lymphoid cell lines (169) 53
Mazié, J.-C., see Auriol, J. (169) 123
McCarthy, S.P., see Bromley, L. (167) 47
McConnell, H.M., see Liang, M.N. (173) 127
McConnell, H.M., see Nag, B. (172) 95
McCormack, R.T., see Hendrickson, T.L. (172) 165
McDonald, D.F., see Thompson, J.M. (175) 137
McGee, J.O.D., see Bromley, L. (167) 47
McGregor, D.L., see Reece, J.C. (172) 241
McIlraith, M.J., see Davis, L.S. (175) 247
McIntyre, C.A., Horne, C.J., Lawry, J. and Rees, R.C.
The detection of intracytoplasmic interleukin-2 in Jurkat E6.1 and human peripheral blood mononuclear cells using direct conjugate, two-colour, immunofluorescent flow cytometry (169) 213
McKimm-Breschkin, J.L., see Gruen, L.C. (168) 91
McLaren, R.D., Prosser, C.G., Grieve, R.C.J. and Borissenko, M.
The use of caprylic acid for the extraction of the immunoglobulin fraction from egg yolk of chickens immunised with ovine α-lactalbumin (177) 175
McNeil, C.J., see Athey, D. (176) 153

Meager, A. and Gaines Das, R.E.
International collaborative study of the candidate international standards for human tumour necrosis factors alpha (hTNF-α) and beta (hTNF-β) and for murine tumour necrosis factor alpha (mTNF-α) (170) 1
Meagher, L., Mahiouz, D., Sugars, K., Burrows, N., Norris, P., Yarwood, H., Becker-Andre, M. and Haskard, D.O.
Measurement of mRNA for E-selectin, VCAM-1 and ICAM-1 by reverse transcription and the polymerase chain reaction (175) 237
Meeusen, E.N.T. and Brandon, M.R.
Antibody secreting cells as specific probes for antigen identification (172) 71
Melder, R.J. and Jain, R.K.
Reduction of rigidity in human activated natural killer cells by thioglycollate treatment (175) 69
Melder, R.J., Elmaleh, D., Brownell, A.L., Brownell, G.L. and Jain, R.K.
A method for labeling cells for positron emission tomography (PET) studies (175) 79
Ménez, A., see Ezan, E. (169) 205
Ménez, A., see Mourier, G. (171) 65
Mentzer, S.J., see Li, X. (172) 141
Merkenschlager, M. and Fisher, A.G.
In vitro construction of graded thymus chimeras (171) 177
Merli, S., see Corti, A. (177) 191
Mertens, A.M., see De Clerck, L.S. (172) 115
Métais, M.-P., see Legastelois, S. (171) 111
Meyer, S., see Heuff, G. (174) 61
Meyer zum Büschenfelde, K.-H., see Schlaak, J.F. (168) 49
Miceli, R.M., DeGraaf, M.E. and Fischer, H.D.
Two-stage selection of sequences from a random phage display library delineates both core residues and permitted structural range within an epitope (167) 279
Micheel, B., Heymann, S., Scharte, G., Böttger, V., Vogel, F., Dübel, S., Breitling, F., Little, M. and Behrsing, O.
Production of monoclonal antibodies against epitopes of the main coat protein of filamentous fd phages (171) 103
Micheel, B., see Karawajew, L. (173) 27
Micheel, B., see Karawajew, L. (177) 119
Michel, J.-C., see Garraud, O. (173) 165
Migita, M., see Kikuchi, Y. (167) 289
Mihelić, M., see Becker, S. (177) 131
Milanese, C., see Peri, G. (174) 249
Milios, J., see Gibson, C.E. (167) 65
Milne, I., see James, K. (168) 33
Minunni, M., see Skládal, P. (176) 117
Mischak, H., see Weissinger, E.M. (168) 123
Mistrello, G., see Falagiani, P. (173) 181
Mitchelhill, K.I., see Wilson, K.M. (175) 267
Miyamoto, K., see Tsuruta, H. (176) 45
Miyata, M., see Kobayashi, E. (171) 33
Modolell, M. and Munder, P.G.
Macrophage mediated tumor cell destruction measured by an alkaline phosphatase assay (174) 203
Modolell, M., see Corraliza, I.M. (174) 231
Moens, M.M., see De Clerck, L.S. (172) 115
Moldenhauer, G., see Dübel, S. (175) 89
Mollnes, T.E., see Nielsen, E.W. (173) 245
Monaco, M.C.G., see Mariani, E. (172) 173
Monier, G., see Bazin, R. (172) 209
Monier, J.-C., see Legastelois, S. (171) 111
Montelaro, R.C., see Ball, J.M. (171) 37
Montero-Julian, F.A., Liautard, J., Flavetta, S., Romagné, F., Gaillard, J.P., Brochier, J., Klein, B. and Brailly, H.
Immunoassay for functional human soluble interleukin-6 receptor in plasma based on ligand/receptor interactions (169) 111
Moonka, D. and Loh, E.Y.
A consensus primer to amplify both α and β chains of the human T cell receptor (169) 41
Moore, J.M. and Rajan, T.V.
Pristane retards clearance of particulate materials from the peritoneal cavity of laboratory mice (173) 273
Moore, K., see Grundy, M.A. (176) 169
Moreira, A., see Legastelois, S. (171) 111
Morgan, A.R., see Weir, R.E. (176) 93
Morimoto, K., see Inouye, K. (171) 239
Moro, A.M., Rodrigues, M.T.A., Gouvea, M.N., Silvestri, M.L.Z., Kalil, J.E. and Raw, I.
Multiparametric analyses of hybridoma growth on glass cylinders in a packed-bed bioreactor system with internal aeration. Serum-supplemented and serum-free media comparison for MAb production (176) 67
Morrow, Jr., K.J., see Xiang, Z. (168) 275
Morton, D.L., see Ravindranath, M.H. (169) 257
Motz, J., see Towbin, H. (170) 125
Mourier, G., Maillère, B., Cotton, J., Hervé, M., Leroy, S., Léonetti, M. and Ménez, A.
Boc-Cys(Npys)-OH (BCNP): an appropriate reagent for the identification of T cell epitopes in cystine and/or cysteine-containing proteins (171) 65
Mpimbaza, G., see Nandan, D. (176) 255
Mukhtar, D.D.Y., see Stewart, I.J. (172) 125
Mukku, P.V., see Nag, B. (169) 273
Mukku, P.V., see Nag, B. (172) 269
Müller, B., see Becker, S. (177) 131
Muller, D., see Vikingsson, A. (173) 219
Munder, P.G., see Modolell, M. (174) 203
Murphy, E., see Litton, M.J. (175) 47
Murrieta, M., see Lambin, P. (169) 139
Mushinski, J.F., see Weissinger, E.M. (168) 123
Myatt, E.A., Stevens, F.J. and Benjamin, C.
Solution-phase binding of monoclonal antibodies to bee venom phospholipase A_2 (177) 35

N

Nadeau, R.W., Ostrowski, C.M., Ni-Wu, G. and Liberato, D.J.

Quantification of recombinant human interleukin-1α by a specific two cell immunobioassay (168) 9
Nag, B., Mukku, P.V., Arimilli, S., Kendrick, T., Deshpande, S.V. and Sharma, S.D.
Separation of complexes of major histocompatibility class II molecules and known antigenic peptide by metal chelate affinity chromatography (J. Immunol. Methods 169 (1994) 273–285) (172) 269
Nag, B., Mukku, P.V., Arimilli, S., Kendrick, T., Deshpande, S.V. and Sharma, S.D.
Separation of complexes of major histocompatibility class II molecules and known antigenic peptide by metal chelate affinity chromatography (169) 273
Nag, B., Wada, H.G., Arimilli, S., Fok, K., Passmore, D., Sharma, S.D. and McConnell, H.M.
The role of N-linked oligosaccharides of MHC class II antigens in T cell stimulation (172) 95
Nagata, A., see Inoue, T. (173) 157
Nakamura, H., see Matsubara, K. (173) 175
Nakamura, K., see Shitara, K. (167) 271
Nakamura, K., see Shitara, K. (169) 83
Nakamura, M., see Tsuruta, H. (176) 45
Nakamura, Y., see Takeda, A. (168) 69
Nakashima, R.A., see Xiang, Z. (168) 275
Nakata, A., see Hashinaka, K. (172) 179
Nakaya, K., see Takeda, A. (168) 69
Nall, B., see Larvor, M.-P. (170) 167
Namba, T., see Tsuruta, H. (176) 45
Nandan, D., Daubenberger, C., Mpimbaza, G. and Pearson, T.W.
A rapid, single-step purification method for immunogenic members of the hsp 70 family: validation and application (176) 255
Nared-Hood, K., see Wen, S.F. (169) 231
Naroditsky, B.S., see Yurov, G.K. (177) 29
Nato, F., see Auriol, J. (169) 123
Neil, J.C., see Willett, B.J. (176) 213
Németh, P., see Balogh, P. (169) 35
Neugodova, G.L., see Yurov, G.K. (177) 29
Neumaier, M., see Tschentscher, P. (170) 247
Neutra, M., see Pakkanen, R. (169) 63
Newman, M.J., see Ball, J.M. (171) 37
Ni-Wu, G., see Nadeau, R.W. (168) 9
Nice, E.C., see Gruen, L.C. (168) 91
Nicholson, J.K.A. and Browning, S.W.
Ability of 'OptiLyse' lysing/fixing reagents to inactivate HIV-infected H9 cells in whole blood (168) 283
Nicholson, J.K.A., Velleca, W.M., Jubert, S., Green, T.A. and Bryan, L.
Evaluation of alternative CD4 technologies for the enumeration of CD4 lymphocytes (177) 43
Niel, E., see Chappey, O. (172) 219
Nielsen, B., see Lillevang, S.T. (169) 137
Nielsen, E.W., Johansen, H.T., Straume, B. and Mollnes, T.E.
Effect of time, temperature and additives on a functional assay of C1 inhibitor (173) 245
Nielsen, H.J., see Rønne, E. (167) 91
Nielsen, L.S., see Håkansson, L. (176) 53
Nielsen, P.J., see Bühler, B. (175) 259
Nilson, B.H.K., see Åkerström, B. (177) 151
Nishimukai, H., see Hitsumoto, Y. (176) 163
Nodelman, M., see Wen, S.F. (169) 231
Norris, P., see Meagher, L. (175) 237
Nydegger, U.E., see Von Allmen, E. (171) 85

O

Oberling, F., see Faradji, A. (174) 297
Oei, A.A., see Hui, K.M. (171) 147
O'Garra, A., see Litton, M.J. (175) 47
Ogasawara, Y., see Inoue, T. (173) 157
O'Gorman, M.R.G., see Tamul, K.R. (167) 237
Oh, S.-K., Luhowskyj, S., Witt, P., Ritch, P., Reitsma, D., Towbin, H., Horisberger, M., Von Wussow, P. and Bluestein, B.
Quantitation of interferon-induced Mx protein in whole blood lysates by an immunochemiluminescent assay: elimination of protease activity of cell lysates in toto (176) 79
Oh, S.K.W., see Chua, F. (167) 109
Ohlin, M. and Borrebaeck, C.A.K.
Flow cytometric analysis of the stability of antibody production by human × human × mouse heterohybridoma subclones (170) 75
Ohlin, M., see Hardy, E. (176) 111
Ohnishi, H., see Hitsumoto, Y. (176) 163
Ohta, S., see Shitara, K. (169) 83
Oishi, C., see Matsutani, T. (177) 9
Oka, S., see Hashinaka, K. (172) 179
Okada, M., see Hitsumoto, Y. (176) 163
Okayama, Y., Hunt, T.C., Kassel, O., Ashman, L.K. and Church, M.K.
Assessment of the anti-*c-kit* monoclonal antibody YB5.B8 in affinity magnetic enrichment of human lung mast cells (169) 153
O'Kennedy, R., see Quinlan, N. (171) 253
Omata, K., see Takeda, A. (168) 69
Ortega-Barria, E., see Pavia-Ruz, N. (167) 161
Osborne, J.M., Chacko, G.W., Brandt, J.T. and Anderson, C.L.
Ethnic variation in frequency of an allelic polymorphism of human FcγRIIA determined with allele specific oligonucleotide probes (173) 207
Ossenkoppele, G.J., see Van de Loosdrecht, A.A. (174) 311
Osterhaus, A., see Hinkula, J. (175) 37
Ostrowski, C.M., see Nadeau, R.W. (168) 9
Otvos, Jr., L., see Lang, E. (170) 103
Owens, R.J. and Young, R.J.
The genetic engineering of monoclonal antibodies (168) 149

P

Paecheo, T., see Davis, L.S. (175) 247
Paemen, L., see Wuyts, A. (174) 237
Paglia, P., see Lutz, M.B. (174) 269
Pakkanen, R. and Neutra, M.
Bovine colostrum ultrafiltrate: an effective supplement for the culture of mouse-mouse hybridoma cells (169) 63
Pancré, V., see Asseman, C. (173) 93
Papadopoulos, N.G., Dedoussis, G.V.Z., Spanakos, G., Gritzapis, A.D., Baxevanis, C.N. and Papamichail, M.
An improved fluorescence assay for the determination of lymphocyte-mediated cytotoxicity using flow cytometry (177) 101
Papamichail, M., see Papadopoulos, N.G. (177) 101
Papavassiliou, A.G.
Preservation of protein phosphoryl groups in immunoprecipitation assays (170) 67
Paquet, N., see Tissot, J.-D. (173) 63
Parik, J., see Kwiatkowski, M. (168) 137
Parish, C.R., see Lyons, A.B. (171) 131
Park, C.T., see Van Kessel, K.P.M. (172) 25
Park, K.-M., see Kim, C.-K. (170) 225
Parton, R., see Davies, R.L. (167) 35
Pasetti, M.F., see Manghi, M.A. (168) 17
Pasquali, C., see Tissot, J.-D. (173) 63
Passmore, D., see Nag, B. (172) 95
Pattnaik, B. and Venkataramanan, R.
Comparison of liquid-phase and Mab-blocking ELISA for assessment of the reactivity of monoclonal antibodies to foot-and-mouth disease virus (172) 265
Pau, B., see Hanin, V. (173) 139
Pauli, U., Bertoni, G., Duerr, M. and Peterhans, E.
A bioassay for the detection of tumor necrosis factor from eight different species: evaluation of neutralization rates of a monoclonal antibody against human TNF-α (171) 263
Paulusma, C.C., Van der Kruijssen, C.M.M. and Van den Eijnden-Van Raaij, A.J.M.
Localization of activin subunits in early murine development determined by subunit-specific antibodies (169) 143
Pauly, J.L., see Streck, R.J. (174) 67
Pavia-Ruz, N., Ortega-Barria, E., Alroy, J. and Pereira, M.E.A.
A novel in situ model to study *Pneumocystis carinii* adhesion to lung alveolar epithelial cells (167) 161
Pearson, T.W., see Nandan, D. (176) 255
Pederson, K., see Vikingsson, A. (173) 219
Pelletier, J.-P., see Legris, F. (168) 111
Peltre, G., see Guérin-Marchand, C. (167) 219
Pennline, K.J., see Beavis, A.J. (170) 57
Penttila, I.A., see Gibson, C.E. (167) 65
Peppel, K., see Poltorak, A. (169) 93
Pereira, M.E.A., see Pavia-Ruz, N. (167) 161
Pereira da Silva, L., see Garraud, O. (173) 165
Peri, E., see Willett, B.J. (176) 213
Peri, G., Milanese, C., Matteucci, C., Ruco, L., Zhou, D., Sozzani, S., Coletta, I. and Mantovani, A.
A new monoclonal antibody (5D3-F7) which recognizes human monocyte-chemotactic protein-1 but not related chemokines. Development of a sandwich ELISA and in situ detection of producing cells (174) 249
Permin, H., see Baslund, B. (175) 215
Peroni, S.E., see Kees, U.R. (168) 1
Perraut, R., see Garraud, O. (173) 165
Persson, C., see Hinkula, J. (175) 37
Perticarari, S., Presani, G. and Banfi, E.
A new flow cytometric assay for the evaluation of phagocytosis and the oxidative burst in whole blood (170) 117
Peterhans, E., see Pauli, U. (171) 263
Petersen, J., see Baslund, B. (175) 215
Petersson, C.G.B., see Xu, S.Y. (171) 245
Pfister, R.R., see Haddox, J.L. (171) 1
Phillips, J., see Hale, G. (171) 15
Philomin, V., Vessières, A. and Jaouen, G.
New applications of carbonylmetalloimmunoassay (CMIA): a non-radioisotopic approach to cortisol assay (171) 201
Picha, K.S., see Ramsdell, F. (167) 299
Pichler, W.J., see Grunow, R. (171) 93
Pickrell, J.A., see Brown, A.R. (176) 203
Piemont, Y., see Faradji, A. (174) 297
Pilz, K., see Däubener, W. (168) 39
Pittoni, V., see Sorice, M. (173) 49
Plasman, N. and Vray, B.
Immunophenotyping of murine peritoneal macrophages and lymphocytes by flow cytometry (174) 123
Plasman, N. and Vray, B.
Quantification of bacterial phagocytosis by flow cytometry and spectrofluorimetry (174) 195
Plasman, N., see Vray, B. (174) 53
Platsoucas, C.D., see Freedman, R.S. (167) 145
Platzer, C., see Siegling, A. (177) 23
Plaue, S., see Richalet-Sécordel, P.M. (176) 221
Plebanski, M. and Burtles, S.S.
In vitro primary responses of human T cells to soluble protein antigens (170) 15
Plenat, F., Martinet, Y., Martinet, N. and Vignaud, J.-M.
Immunohistochemical methods for studying mononuclear phagocytes in tissue sections (174) 133
Plenat, F., see Martinet, Y. (174) 209
Plenat, F., see Vignaud, J.M. (174) 281
Ploug, M., see Rønne, E. (167) 91
Poiesi, C., see Corti, A. (177) 191
Poindron, P., see Faradji, A. (174) 297
Poindron, P., see Lombard, Y. (174) 155
Poltorak, A., Peppel, K. and Beutler, B.
Receptor-mediated label-transfer assay (RELAY): a novel method for the detection of plasma tumor necrosis factor at attomolar concentrations (169) 93
Pontieri, G.M., see Sorice, M. (173) 49
Porstmann, T., see Franke, L. (171) 259
Porstmann, T., see Roggenbuck, D. (167) 207
Porter, P., see Berry, M.J. (167) 173
Porzsolt, F., see Prümmer, O. (171) 45
Poskus, E., see Del Rosario Stumpo, R. (169) 241

Pradelles, P., see Volland, H. (175) 97
Pralle, H., see Lohmeyer, J. (172) 59
Presani, G., see Perticarari, S. (170) 117
Prince, H.E., York, J. and Kuttner, D.K.
Reduction of escapee formation in flow cytometric analysis of lymphocyte subsets (177) 165
Prochnow-Calzia, H., see Schreiner, T. (168) 183
Proost, P., see Wuyts, A. (174) 237
Prosser, C.G., see McLaren, R.D. (177) 175
Prümmer, O., Streichan, U., Heimpel, H. and Porzsolt, F.
Sensitive antiproliferative neutralization assay for the detection of neutralizing IFN-α and IFN-β antibodies (171) 45
Pryce, G., Santos, W. and Male, D.
An assay for the analysis of lymphocyte migration across cerebral endothelium in vitro (167) 55
Put, W., see Wuyts, A. (174) 237
Pye, D., see Wang, J.M. (171) 55

Q

Quaranta, J.F., see Ferrua, B. (176) 103
Quash, G., see Legastelois, S. (171) 111
Quinlan, N. and O'Kennedy, R.
Enhanced cloning efficiencies of murine hybridomas using human plasma supplemented medium (171) 253

R

Rabbany, S.Y., Kusterbeck, A.W., Bredehorst, R. and Ligler, F.S.
Effect of antibody density on the displacement kinetics of a flow immunoassay (168) 227
Radoux, D., see De Groote, D. (167) 253
Radoux, D., see De Groote, D. (177) 225
Raher, S., see De Groote, D. (167) 253
Rajan, T.V., see Moore, J.M. (173) 273
Ramana, D., see Sashidhar, R.B. (167) 121
Ramsdell, F., Picha, K.S., Seaman, M.S. and Kennedy, M.K.
TNF abrogates the response of the CT.4S cell line to IL-4 (167) 299
Randall, R., see Willett, B.J. (176) 213
Ranford, P.R., see Kees, U.R. (168) 1
Rapisarda, G., see Falagiani, P. (173) 181
Ravindranath, M.H., Ravindranath, R.M.H., Morton, D.L. and Graves, M.C.
Factors affecting the fine specificity and sensitivity of serum antiganglioside antibodies in ELISA (169) 257
Ravindranath, R.M.H., see Ravindranath, M.H. (169) 257
Raw, I., see Moro, A.M. (176) 67
Read, L.R., see Baker, M.D. (168) 25
Rebuck, N., see Finn, A. (171) 267
Reece, J.C., McGregor, D.L., Geysen, H.M. and Rodda, S.J.
Scanning for T helper epitopes with human PBMC using pools of short synthetic peptides (172) 241
Rees, R.C., see McIntyre, C.A. (169) 213
Rehfeld, J.F. and Johnsen, A.H.
Residue-specific immunochemical sequence prediction (171) 139
Reichhuber, C., see Von Brunn, A. (169) 135
Reiken, S.R., Van Wie, B.J., Sutisna, H., Kurdikar, D.L. and Davis, W.C.
Efficient optimization of ELISAs (177) 199
Reiner, S.L., Zheng, S., Corry, D.B. and Locksley, R.M.
Constructing polycompetitor cDNAs for quantitative PCR (J. Immunol. Methods 165 (1993) 37–46) (173) 133
Reiner, S.L., Zheng, S., Corry, D.B. and Locksley, R.M.
Constructing polycompetitor cDNAs for quantitative PCR (J. Immunol. Methods 165 (1993) 37–46; 173 (1994) 133) (175) 275
Reitsma, D., see Oh, S.-K. (176) 79
Rescigno, M., see Lutz, M.B. (174) 269
Reske, K., see Becker, D. (169) 195
Ricciardi-Castagnoli, P., see Lutz, M.B. (174) 269
Rich, G.A., see Streck, R.J. (174) 67
Richalet-Sécordel, P.M., Zeder-Lutz, G., Plaue, S., Sommermeyer-Leroux, G. and Van Regenmortel, M.H.V.
Cross-reactivity of monoclonal antibodies to a chimeric V3 peptide of HIV-1 with peptide analogues studied by biosensor technology and ELISA (176) 221
Rieben, R., see Von Allmen, E. (171) 85
Rieneck, K., see Diamant, M. (173) 229
Ritch, P., see Oh, S.-K. (176) 79
Ritchie, R.F., see Ledue, T.B. (176) 275
Roberts, C.J., see Davies, J. (167) 263
Rocchi, M., see Willett, B.J. (176) 213
Rochet, N., see Akhoundi, C. (172) 189
Rocke, D.M., see Jones, G. (177) 1
Rodda, S.J., see Reece, J.C. (172) 241
Roder, J.C., see Shpitz, B. (169) 1
Rodrigues, M.T.A., see Moro, A.M. (176) 67
Rodriguez, M.I., see Streck, R.J. (174) 67
Roelen, D.L., see Schanz, U. (169) 221
Roelen, D.L., see Schanz, U. (177) 271
Roggenbuck, D., Marx, U., Kiessig, S.T., Schoenherr, G., Jahn, S. and Porstmann, T.
Purification and immunochemical characterization of a natural human polyreactive monoclonal IgM antibody (167) 207
Roifman, C.M., see Shpitz, B. (169) 1
Romagné, F., see Montero-Julian, F.A. (169) 111

Romero, P., Cerottini, J.-C. and Luescher, I.F.
Efficient in vivo induction of CTL by cell-associated covalent H-2K^d-peptide complexes (171) 73
Rønne, E., Behrendt, N., Ploug, M., Nielsen, H.J., Wöllisch, E., Weidle, U., Danø, K. and Høyer-Hansen, G.
Quantitation of the receptor for urokinase plasminogen activator by enzyme-linked immunosorbent assay (167) 91
Roptin, C., see Ferrua, B. (176) 103
Rordorf, C., see Towbin, H. (170) 125
Rosseau, S., see Lohmeyer, J. (172) 59
Rossi, B., see Akhoundi, C. (172) 189
Rottem, S., see Tarshis, M. (168) 245
Rouger, P., see Lambin, P. (169) 139
Roy, A., Sharma, V.P. and Chauhan, V.S.
The use of peptide ELISA in determining malaria endemicity (167) 139
Ruberti, F., Cattaneo, A. and Bradbury, A.
The use of the RACE method to clone hybridoma cDNA when V region primers fail (173) 33
Ruco, L., see Peri, G. (174) 249
Ruedl, C., Wick, G. and Wolf, H.
A novel and sensitive method for the detection of secreted cell products using time-resolved fluorescence (168) 61
Rugtveit, J., see Jahnsen, F.L. (173) 77

S

Sabapathy, T.K., see Hui, K.M. (171) 147
Saeki, H., see Kudo, T. (177) 17
Saheki, S., see Hitsumoto, Y. (176) 163
Saitoh, A., see Hashinaka, K. (172) 179
Sakata, T., see Matsutani, T. (177) 9
Sakata, T., see Tsuruta, Y. (169) 17
Saltzman, A., see Levine, S. (173) 203
Sambles, J.R., see Geddes, N.J. (175) 149
Sander, B., see Litton, M.J. (175) 47
Sanders, A., see Van Rooijen, N. (174) 83
Santos, W., see Pryce, G. (167) 55
Sashidhar, R.B., Capoor, A.K. and Ramana, D.
Quantitation of ϵ-amino group using amino acids as reference standards by trinitrobenzene sulfonic acid. A simple spectrophotometric method for the estimation of hapten to carrier protein ratio (167) 121
Savage, N., see Weitzmann, M.N. (173) 7
Savelkoul, H.F.J., Van Ommen, R., Vossen, A.C.T.M., Breedland, E.G., Coffman, R.L. and Van Oudenaren, A.
Modulation of systemic cytokine levels by implantation of alginate encapsulated cells (170) 185
Savelkoul, H.F.J., Vossen, A.C.T.M., Breedland, E.G. and Tibbe, G.J.M.
Semi-preparative purification and validation of monoclonal antibodies for immunotherapy in mice (172) 33
Savino, R., see Gregory, B. (170) 47
Sawdey, M., see Vahlsing, H.L. (175) 11
Sawodny, B., see Schreiner, T. (168) 183
Sawyer, A.M., see Stewart, I.J. (172) 125
Scalice, E.R., Sharkey, D.J. and Daiss, J.L.
Monoclonal antibodies prepared against the DNA polymerase from *Thermus aquaticus* are potent inhibitors of enzyme activity (172) 147
Schanz, U., Roelen, D.L., Bruning, J.W., Kardol, M.J., Van Rood, J.J. and Claas, F.H.J.
The relative radioresistance of interleukin-2 production by human peripheral blood lymphocytes: consequences for the development of a new limiting dilution assay for the enumeration of helper T lymphocyte precursor frequencies (169) 221
Schanz, U., Roelen, D.L., Bruning, J.W., Van Rood, J.J. and Claas, F.H.J.
Reply to the letter of M. Venkataraman (177) 271
Scharte, G., see Micheel, B. (171) 103
Scherrmann, J.M., see Chappey, O. (172) 219
Scheuermann, E.H., see Chen, M. (168) 257
Schiebel, H., see Schulz, J. (167) 1
Schifferli, J.A., see Tissot, J.-D. (173) 63
Schlaak, J.F., Schmitt, E., Hüls, C., Meyer zum Büschenfelde, K.-H. and Fleischer, B.
A sensitive and specific bioassay for the detection of human interleukin-10 (168) 49
Schleimer, R.P., see Viksman, M.Y. (172) 17
Schmid, I., Uittenbogaart, C.H., Keld, B. and Giorgi, J.V.
A rapid method for measuring apoptosis and dual-color immunofluorescence by single laser flow cytometry (170) 145
Schmitt, E., see Schlaak, J.F. (168) 49
Schmitt-Goguel, M., see Faradji, A. (174) 297
Schmitz, A., see Towbin, H. (170) 125
Schmitz, J.L., see Tamul, K.R. (167) 237
Schneider, P., see Tissot, J.-D. (173) 63
Schoenherr, G., see Roggenbuck, D. (167) 207
Schreiber, G.J., see Jagoda, E.M. (173) 191
Schreiner, T., Wiesneth, M., Maccari, B., Sawodny, B., Prochnow-Calzia, H. and Kubanek, B.
A simplified rapid method for restriction fragment length polymorphism analysis after bone marrow transplantation (168) 183
Schroen, D.J., see St. John, J.J. (170) 159
Schulz, H., see Lichtenfels, R. (172) 227
Schulz, J., Dettlaff, S., Fritzsche, U., Harms, U., Schiebel, H., Derer, W., Fusenig, N.E., Hülsen, A. and Böhm, M.
The amido black assay: a simple and quantitative multipurpose test of adhesion, proliferation, and cytotoxicity in microplate cultures of keratinocytes (HaCaT) and other cell types growing adherently or in suspension (167) 1
Schulze, D.H., see Yurovsky, V.V. (175) 227
Schwartz, L., see Kepley, C. (175) 1
Seaman, M.S., see Ramsdell, F. (167) 299
Seeger, W., see Lohmeyer, J. (172) 59
Seghrouchni, S., see Däubener, W. (168) 39

Seitz, M., see Towbin, H. (170) 125
Seligman, S.J.
Influence of solid-phase antigen in competition enzyme-linked immunosorbent assays (ELISAs) on calculated antigen-antibody dissociation constants (168) 101
Sellers, J.R., Cook, S. and Goldmacher, V.S.
A cytotoxicity assay utilizing a fluorescent dye that determines accurate surviving fractions of cells (172) 255
Sénéchal, H., see Guérin-Marchand, C. (167) 219
Serlupi Crescenzi, O., see Boe, A. (171) 157
Seshi, B.
Cell adhesion to proteins separated by lithium dodecyl sulfate-polyacrylamide gel electrophoresis and blotted onto a polyvinylidene difluoride membrane: a new cell-blotting technique (176) 185
Sgobbi, S., see Mariani, E. (172) 173
Shahan, T.A., Siegel, P.D., Sorenson, W.G., Kuschner, W.G. and Lewis, D.M.
A sensitive new bioassay for tumor necrosis factor (175) 181
Sharkey, D.J., see Scalice, E.R. (172) 147
Sharma, S.D., see Nag, B. (169) 273
Sharma, S.D., see Nag, B. (172) 95
Sharma, S.D., see Nag, B. (172) 269
Sharma, V.P., see Roy, A. (167) 139
Shepard, H.M., see Wen, S.F. (169) 231
Shimada, K., see Hashinaka, K. (172) 179
Shinagawa, H., see Hashinaka, K. (172) 179
Shitara, K., Fujiwara, K., Igarashi, S., Ohta, S., Furuya, A., Nakamura, K., Koike, M. and Hanai, N.
Immunoglobulin class switch of anti-ganglioside monoclonal antibody from IgM to IgG (169) 83
Shitara, K., Nakamura, K., Tokutake-Tanaka, Y., Fukushima, M. and Hanai, N.
A new vector for the high level expression of chimeric antibodies in myeloma cells (167) 271
Shpitz, B., Chambers, C.A., Singhal, A.B., Hozumi, N., Fernandes, B.J., Roifman, C.M., Weiner, L.M., Roder, J.C. and Gallinger, S.
High level functional engraftment of severe combined immunodeficient mice with human peripheral blood lymphocytes following pretreatment with radiation and anti-asialo G_{M1} (169) 1
Sidhu, S., see Warrens, A.N. (169) 25
Siegel, P.D., see Shahan, T.A. (175) 181
Siegling, A., Lehmann, M., Platzer, C., Emmrich, F. and Volk, H.-D.
A novel multispecific competitor fragment for quantitative PCR analysis of cytokine gene expression in rats (177) 23
Siffert, J.C., see Faradji, A. (174) 297
Sigal, L.J., Berens, S. and Wylie, D.
A lactate dehydrogenase (LDH)-based immunoassay for detection of cell surface antigens and its application to the study of MHC class I-binding peptides (177) 261
Sigh, R.V., see Wan, C.P. (173) 265
Silvestri, M.L.Z., see Moro, A.M. (176) 67
Simons, F.E.R., see Li, Y. (175) 169
Singer, A., see Kearse, K.P. (167) 75
Singhal, A.B., see Shpitz, B. (169) 1
Sjögren-Jansson, E., Gustafsson, C., Jeansson, S., Karlsson, U. and Lycke, N.
Production of large amounts of recombinant interleukins by cDNA transfected mouse myeloma cells cultured in dialysis tubing (168) 131
Skansén-Saphir, U., see Björk, L. (175) 201
Skládal, P., Minunni, M., Mascini, M., Kolář, V. and Fránek, M.
Characterization of monoclonal antibodies to 2,4-dichlorophenoxyacetic acid using a piezoelectric quartz crystal microbalance in solution (176) 117
Sleigh, M.J., see Hicks, C. (170) 83
Small, M., Majumdar, A.S., Lieberman, M. and Weissman, I.
Isolation of $CD3^-$, $CD4^-$, $CD8^-$, $IL\text{-}2R^+$ thymocyte precursors by panning (167) 103
Smeenk, R.J.T., see Hylkema, M.N. (170) 93
Smeenk, R.J.T., see Hylkema, M.N. (176) 33
Soler, G., see Corraliza, I.M. (174) 231
Sommermeyer-Leroux, G., see Richalet-Sécordel, P.M. (176) 221
Sommers, C.I., see Haddox, J.L. (171) 1
Sorenson, W.G., see Shahan, T.A. (175) 181
Sorice, M., Griggi, T., Circella, A., Garofalo, T., D'Agostino, F., Pittoni, V., Pontieri, G.M., Lenti, L. and Valesini, G.
Detection of antiphospholipid antibodies by immunostaining on thin layer chromatography plates (173) 49
Sotto, J.-J., see Bonnefoix, T. (167) 21
Soulillou, J.P., see De Groote, D. (167) 253
Sozzani, S., see Peri, G. (174) 249
Spanakos, G., see Papadopoulos, N.G. (177) 101
Spertini, F., see Tissot, J.-D. (173) 63
Stahl, A.J.C., see Gugliucci Creriche, A. (174) 103
Stamatiou, S., see Kobayashi, E. (171) 33
Stefura, W.P., see Li, Y. (175) 169
Steinbach, F. and Thiele, B.
Phenotypic investigation of mononuclear phagocytes by flow cytometry (174) 109
Steinmüller, C., see Franke, G. (174) 173
Stenman, J., Alfthan, H. and Stenman, U.-H.
Streptavidin-biotin based time-resolved immunofluorometric assay for direct measurement of high concentrations of human chorionic gonadotropin (hCG) (175) 161
Stenman, U.-H., see Stenman, J. (175) 161
Stevens, F.J., see Myatt, E.A. (177) 35
Stevens, S.Y., Swanson, P.C. and Glick, G.D.
Application of the gel shift assay to study the affinity and specificity of anti-DNA autoantibodies (177) 185
Stevens, W.J., see De Clerck, L.S. (172) 115
Stewart, B.J., see Agasan, A.L. (177) 251
Stewart, I.J., Mukhtar, D.D.Y., Sawyer, A.M. and Wild, A.E.
Monoclonal antibodies directed against surface and intracellular antigens of mouse granulated metrial gland cells (172) 125
Stickland, J.E., see Bromley, L. (167) 47
St. John, J.J., Schroen, D.J. and Cheung, H.T.
An adhesion assay using minimal shear force to remove nonadherent cells (170) 159

Stoeva, S., see Becker, S. (177) 131
Stokes, C.R., see Haverson, K. (170) 233
Stoltenborg, J.K., Tsao, P.W., George, H.J., Bouchard, P.J., Wexler, E.J. and Hausner, E.A.
A fluorescent cellular adhesion assay using insect cell produced human VCAM1 (175) 59
Straume, B., see Nielsen, E.W. (173) 245
Strauss, M., see Lukas, J. (170) 255
Streck, R.J., Jezewski, H.M., Rodriguez, M.I., Hurley, E.L., Rich, G.A., Braun, K.M. and Pauly, J.L.
A method for isolating human lung macrophages and observations of fluorescent phagocytes from the lungs of habitual cigarette smokers (174) 67
Streichan, U., see Prümmer, O. (171) 45
Su, S.-N., see Huang, S.-K. (168) 167
Sugane, K. and Sun, S.-H.
Detection of anti-helminth antibody by microenzyme-linked immunosorbent assay using recombinant antigen and anti-β-galactosidase monoclonal antibody (168) 55
Sugars, K., see Meagher, L. (175) 237
Sun, S.-H., see Sugane, K. (168) 55
Sunderland, R.F., see Davies, J. (167) 263
Sutisna, H., see Reiken, S.R. (177) 199
Suzuki, R., see Matsutani, T. (177) 9
Suzuki, R., see Tsuruta, Y. (169) 17
Svenson, M., see Diamant, M. (173) 229
Swaak, A.J.G., see Hylkema, M.N. (170) 93
Swaak, A.J.G., see Hylkema, M.N. (176) 33
Swanson, P.C., see Stevens, S.Y. (177) 185
Szekeres, G., see Balogh, P. (169) 35
Szendrei, G.I., see Lang, E. (170) 103
Szücs, S., Varga, C., Ember, I. and Kertai, P.
The separation of the granulocytes from different rat strains. A comparative study (167) 245

T

Takahashi, S., see Matsubara, K. (173) 175
Takaki, S., see Kikuchi, Y. (167) 289
Takano, S., see Chan, E.K.L. (176) 271
Takatsu, K., see Kikuchi, Y. (167) 289
Takeda, A., Iwasawa, A., Nakamura, Y., Omata, K. and Nakaya, K.
Monoclonal antibodies as probes to detect conformational changes in the rat cysteine proteinase inhibitor cystatin A (168) 69
Takeuchi, N., see Hitsumoto, Y. (176) 163
Tamul, K.R., O'Gorman, M.R.G., Donovan, M., Schmitz, J.L. and Folds, J.D.
Comparison of a lysed whole blood method to purified cell preparations for lymphocyte immunophenotyping: differences between healthy controls and HIV-positive specimens (167) 237
Tanabe, K.-i., see Matsubara, K. (173) 175
Taniguchi, A., Kohsaka, H. and Carson, D.A.
Competitive RT-PCR ELISA: a rapid, sensitive and non-radioactive method to quantitate cytokine mRNA (169) 101
Tarshis, M., Katzenel, A. and Rottem, S.
Use of Merocyanine 540 and Hoechst 33258 for the selective killing of contaminating mycoplasmas in cell cultures (168) 245
Taylor, K.M., Luzio, J.P. and Campbell, A.K.
A method for in vitro synthesis of unglycosylated recombinant complement component C9 (167) 129
Tebib, J., see Legastelois, S. (171) 111
Teder, P., see Håkansson, L. (176) 53
Teh, H.-S., see Van Oers, N.S.C. (170) 261
Teh, S.-J., see Van Oers, N.S.C. (170) 261
Telford, W.G., King, L.E. and Fraker, P.J.
Rapid quantitation of apoptosis in pure and heterogeneous cell populations using flow cytometry (172) 1
Templin, S., see Freedman, R.S. (167) 145
Tendler, S.J.B., see Davies, J. (167) 263
Teo, W.K., see Chua, F. (167) 109
Tesch, H., see Bohlen, H. (173) 55
Teshigawara, K., see Mazda, O. (169) 53
Than, K.A., see Geddes, N.J. (175) 149
't Hart, B.A., Kraakman, E. and Jonker, M.
An ear swelling reaction for in vivo monitoring of inflammatory T cell activity in collagen-arthritic rats (176) 179
Théolis, Jr., R. and Breckenridge, W.C.
Characterization of monoclonal antibodies to apolipoprotein (a) and development of a chemiluminescent assay for phenotyping apolipoprotein (a) isomorphs (172) 43
Thiele, B., see Steinbach, F. (174) 109
Thomas, R., see Davis, L.S. (175) 247
Thomas, V., see Legastelois, S. (171) 111
Thompson, J.M., Lowe, J. and McDonald, D.F.
Human monoclonal anti-D secreting heterohybridomas from peripheral B lymphocytes expanded in the CD40 system (175) 137
Thompson, R.J., see Jones, D.R.E. (177) 235
Tibbe, G.J.M., see Savelkoul, H.F.J. (172) 33
Tiong, J., see Van Oers, N.S.C. (170) 261
Tissot, J.-D., Schifferli, J.A., Hochstrasser, D.F., Pasquali, C., Spertini, F., Clément, F., Frutiger, S., Paquet, N., Hughes, G.J. and Schneider, P.
Two-dimensional polyacrylamide gel electrophoresis analysis of cryoglobulins and identification of an IgM-associated peptide (173) 63
Toft, P., see Lillevang, S.T. (169) 137
Tokutake-Tanaka, Y., see Shitara, K. (167) 271
Tomasovic, B., see Freedman, R.S. (167) 145
Tominaga, A., see Kikuchi, Y. (167) 289
Tomioka, K., Kii, F., Fukuda, H. and Katoh, S.
Homogeneous immunoassay of antibody by use of liposomes made of a model lipid of archaebacteria (176) 1
Tötterman, T.H., see Festin, R. (177) 215

Towbin, H., Schmitz, A., Van Oostrum, J., Seitz, M., Dewald, B., Zingel, O., Motz, J., Vosbeck, K. and Rordorf, C.
Monoclonal antibody based enzyme-linked and chemiluminescent assays for the human interleukin-1 receptor antagonist. Application to measure hIL-1ra levels in monocyte cultures and synovial fluids (170) 125
Towbin, H., see Oh, S.-K. (176) 79
Toyama, N., see Kobayashi, E. (171) 33
Traavik, T., see Hey, A.W. (173) 149
Tran, T.T., see Ferrua, B. (176) 103
Trown, P.W., see White, M.L. (167) 227
Tsao, P.W., see Stoltenborg, J.K. (175) 59
Tschentscher, P., Wagener, C. and Neumaier, M.
Distinction of highly homologous pregnancy-specific glycoprotein (PSG) isoforms by differential absorption of antisera with recombinant PSG fusion protein domains (170) 247
Tsitsiloni, O.E., Heimer, E., Felix, A., Yialouris, P.P., Vamvoukakis, J., Voelter, W. and Haritos, A.A.
Radioimmunoassays for the C-terminus of prothymosin α and the N-terminus of parathymosin α for the measurement of the levels of α-thymosins in human cancer (169) 163
Tsuruta, H., Matsui, S., Hatanaka, T., Namba, T., Miyamoto, K. and Nakamura, M.
Detection of the products of polymerase chain reaction by an ELISA system based on an ion sensitive field effect transistor (176) 45
Tsuruta, Y., Yoshioka, T., Suzuki, R. and Sakata, T.
Analysis of the population of human T cell receptor γ and δ chain variable region subfamilies by reverse dot blot hybridization (169) 17
Tsuruta, Y., see Matsutani, T. (177) 9
Tu, J.-I., see Jagoda, E.M. (173) 191
Tweedle, J.R., see Walker, K.G. (175) 141

U

Uchida, K., see Matsutani, T. (177) 9
Uittenbogaart, C.H., see Schmid, I. (170) 145
Ullman, S., see Verheijen, R. (169) 173
Ulmer, J.B., see Donnelly, J.J. (176) 145
Ulvestad, E., see Kristoffersen, E.K. (167) 15
Urbain, J., see Baus, E. (173) 41
Urquhart, R.S., see Geddes, N.J. (175) 149
Usadel, K.H., see Chen, M. (168) 257

V

Vahlsing, H.L., Yankauckas, M.A., Sawdey, M., Gromkowski, S.H. and Manthorpe, M.
Immunization with plasmid DNA using a pneumatic gun (175) 11
Valesini, G., see Sorice, M. (173) 49
Vallot, N., see Boudard, F. (174) 259
Vamvoukakis, J., see Tsitsiloni, O.E. (169) 163
VanArsdale, T.L., see Crowe, P.D. (168) 79
Van Bruggen, M.C.J., see Hylkema, M.N. (170) 93
Van Bruggen, M.C.J., see Hylkema, M.N. (176) 33
Van Damme, J., see Wuyts, A. (174) 237
Van de Loosdrecht, A.A., Beelen, R.H.J., Ossenkoppele, G.J., Broekhoven, M.G. and Langenhuijsen, M.M.A.C.
A tetrazolium-based colorimetric MTT assay to quantitate human monocyte mediated cytotoxicity against leukemic cells from cell lines and patients with acute myeloid leukemia (174) 311
Van de Loosdrecht, A.A., see Betjes, M.G.H. (174) 215
Van den Berg, C.W. and Van Dijk, H.
Rapid, activity-guided isolation of sex-limited protein (Slp) from mouse serum by fractionated precipitation and high-performance liquid chromatography (169) 251
Van den Berg, T.K., see Dijkstra, C.D. (174) 21
Van den Eijnden-Van Raaij, A.J.M., see Paulusma, C.C. (169) 143
Van der Kruijssen, C.M.M., see Paulusma, C.C. (169) 143
Van der Wal, T.J., see Hylkema, M.N. (176) 33
Vandesande, F., see Berghman, L.R. (168) 197
Van Dijk, H., see Van den Berg, C.W. (169) 251
Van Ewijk, W., see Leenen, P.J.M. (174) 5
Van Furth, R., see Langermans, J.A.M. (174) 185
Vanhamme, L., see Berghman, L.R. (168) 197
Van Kessel, K.P.M., Park, C.T. and Wright, S.D.
A fluorescence microassay for the quantitation of integrin-mediated adhesion of neutrophil (172) 25
Van Oers, N.S.C., Teh, S.-J., Irving, B.A., Tiong, J., Weiss, A. and Teh, H.-S.
Production and characterization of monoclonal antibodies specific for the murine T cell receptor ζ chain (170) 261
Van Ommen, R., see Savelkoul, H.F.J. (170) 185
Van Oostrum, J., see Towbin, H. (170) 125
Van Oudenaren, A., see Savelkoul, H.F.J. (170) 185
Van Regenmortel, M.H.V., see Richalet-Sécordel, P.M. (176) 221
Van Rood, J.J., see Schanz, U. (169) 221
Van Rood, J.J., see Schanz, U. (177) 271
Van Rooijen, N. and Sanders, A.
Liposome mediated depletion of macrophages: mechanism of action, preparation of liposomes and applications (174) 83
Van Venrooij, W.J., see Verheijen, R. (169) 173
Van Wie, B.J., see Reiken, S.R. (177) 199
Varga, C., see Szücs, S. (167) 245

V.d. Wal, Th.J., see Hylkema, M.N. (170) 93
Vedeler, C.A., see Kristoffersen, E.K. (167) 15
Velleca, W.M., see Nicholson, J.K.A. (177) 43
Venge, P., see Xu, S.Y. (171) 245
Venkataraman, M.
Radioresistance of interleukin-2 producing cryopreserved human peripheral blood mononuclear cells (177) 269
Venkataramanan, R., see Pattnaik, B. (172) 265
Vera-Cabrera, L., Handzel, V. and Laszlo, A.
Development of an enzyme-linked immunosorbent assay (ELISA) combined with a streptavidin-biotin and enzyme amplification method to detect anti-2,3-di-*o*-acyltrehalose (DAT) antibodies in patients with tuberculosis (177) 69
Verhagen, W., see Franke, G. (174) 173
Verheijen, R., Wiik, A., De Jong, B.A.W., Høier-Madsen, M., Ullman, S., Halberg, P. and Van Venrooij, W.J.
Screening for autoantibodies to the nucleolar U3- and Th(7-2) ribonucleoproteins in patients' sera using antisense riboprobes (169) 173
Verkhovsky, O.A., see Yurov, G.K. (177) 29
Verrette, S., see Bazin, R. (172) 209
Vessières, A., see Philomin, V. (171) 201
Vignaud, J.-M., see Martinet, Y. (174) 209
Vignaud, J.-M., see Plenat, F. (174) 133
Vignaud, J.M., Martinet, N., Martinet, Y. and Plenat, F.
In situ hybridization for localization of mRNAs in mononuclear phagocytes in cell culture and tissue sections (174) 281
Vikingsson, A., Pederson, K. and Muller, D.
Enumeration of IFN-γ producing lymphocytes by flow cytometry and correlation with quantitative measurement of IFN-γ (173) 219
Viksman, M.Y., Liu, M.C., Schleimer, R.P. and Bochner, B.S.
Application of a flow cytometric method using autofluorescence and a tandem fluorescent dye to analyze human alveolar macrophage surface markers (172) 17
Voelter, W., see Becker, S. (177) 131
Voelter, W., see Tsitsiloni, O.E. (169) 163
Voerman, J.S.A., see Leenen, P.J.M. (174) 5
Vogel, F., see Micheel, B. (171) 103
Vogt, A.B., see Lichtenfels, R. (172) 227
Volk, H.-D., see Siegling, A. (177) 23
Volland, H., Vulliez Le Normand, B., Mamas, S., Grassi, J., Créminon, C., Ezan, E. and Pradelles, P.
Enzyme immunometric assay for leukotriene C4 (175) 97
Von Allmen, E., Rieben, R. and Nydegger, U.E.
Development of a C1q-ABO-ELISA to measure C1q binding by human anti-A alloantibodies (171) 85
Von Brunn, A. and Reichhuber, C.
Characterization of metabolically labelled antigen following immunoprecipitation with antibody bound on ELISA plates (169) 135
Von Mühlen, C.A., see Chan, E.K.L. (176) 271
Von Wussow, P., see Oh, S.-K. (176) 79
Vordermeier, H.M., see De Smet, K.A.L. (177) 243
Vosbeck, K., see Towbin, H. (170) 125
Vossen, A.C.T.M., see Savelkoul, H.F.J. (170) 185
Vossen, A.C.T.M., see Savelkoul, H.F.J. (172) 33
Vray, B. and Plasman, N.
Separation of murine peritoneal macrophages using percoll density gradients (174) 53
Vray, B., see Plasman, N. (174) 123
Vray, B., see Plasman, N. (174) 195
Vulliez Le Normand, B., see Volland, H. (175) 97

W

Wacholtz, M.C., see Davis, L.S. (175) 247
Wada, H.G., see Nag, B. (172) 95
Wagener, C., see Tschentscher, P. (170) 247
Wahren, B., see Hinkula, J. (175) 37
Walden, P., see Borges, E. (173) 253
Walker, K.G., Jaques, B.C., Tweedle, J.R. and Bradley, J.A.
A simpler technique for open thymectomy in adult rats (175) 141
Walker, W.S.
Establishment of mononuclear phagocyte cell lines (174) 25
Walsh, J.E., see Ansar Ahmed, S. (170) 211
Walter, B.N., see Crowe, P.D. (168) 79
Wan, C.P., Sigh, R.V. and Lau, B.H.S.
A simple fluorometric assay for the determination of cell numbers (173) 265
Wanagat, N., see Däubener, W. (168) 39
Wang, J.M., Wilson, P.B., Kumar, S. and Pye, D.
Quantitation of endothelial cell specific protein E-9 employing a single monoclonal antibody in an indirect sandwich ELISA (171) 55
Wang, X., see Xiang, Z. (168) 275
Wang, Y., see Lao, Z. (176) 127
Ware, C.F., see Crowe, P.D. (168) 79
Warrens, A.N., Heaton, T., Sidhu, S., Lombardi, G. and Lechler, R.I.
Transfected murine cells expressing HLA class II can be used to generate alloreactive human T cell clones (169) 25
Watson, T.G., see Agasan, A.L. (177) 251
Wattam, T.A.K., see Berry, M.J. (167) 173
Wei, W.-Z., see Gill, R.F. (176) 245
Weidle, U., see Rønne, E. (167) 91
Weiler, D., see Ide, M. (168) 187
Weiner, L.M., see Shpitz, B. (169) 1
Weir, R.E., Morgan, A.R., Britton, W.J., Butlin, C.R. and Dockrell, H.M.
Development of a whole blood assay to measure T cell responses to leprosy: a new tool for immuno-epidemiological field studies of leprosy immunity (176) 93
Weiss, A., see Van Oers, N.S.C. (170) 261
Weissinger, E.M., Henderson, D.W., Mischak, H., Goodnight, J.A. and Mushinski, J.F.

Induction of plasmacytomas that secrete monoclonal anti-peptide antibodies by retroviral transformation (168) 123
Weissman, I., see Small, M. (167) 103
Weitzmann, M.N. and Savage, N.
Cloning of an antibody binding DNA sequence: pitfalls of DNA/protein immunoprecipitation reactions (173) 7
Welschof, M., see Dübel, S. (175) 89
Wen, M.-l.D., see Jagoda, E.M. (173) 191
Wen, S.F., Nodelman, M., Nared-Hood, K., Duncan, J., Geradts, J. and Shepard, H.M.
Retinoblastoma protein monoclonal antibodies with novel characteristics (169) 231
Wexler, E.J., see Stoltenborg, J.K. (175) 59
White, B., see Yurovsky, V.V. (175) 227
White, J.R.
Validation of a quantitative ELISA for comparison of monoclonal antibody affinities for isolates of bluetongue virus (177) 79
White, M.L., Ma, J.K., Birr, C.A., Trown, P.W. and Carroll, S.F.
Measurement of bactericidal/permeability-increasing protein in human body fluids by sandwich ELISA (167) 227
Whitehurst, C.E., Day, N.K. and Gengozian, N.
A method of purifying feline T lymphocytes from peripheral blood using the plant lectin from *Pisum sativum* (175) 189
Wick, G., see Ruedl, C. (168) 61
Wiesel, M.L., see Faradji, A. (174) 297
Wieslander, J., see Baslund, B. (169) 183
Wieslander, J., see Baslund, B. (175) 215
Wiesmüller, K.-H., see Borges, E. (173) 253
Wiesneth, M., see Schreiner, T. (168) 183
Wiik, A., see Baslund, B. (175) 215
Wiik, A., see Verheijen, R. (169) 173
Wild, A.E., see Stewart, I.J. (172) 125
Wilkins, M.J., see Davies, J. (167) 263
Willets, J., see Berry, M.J. (167) 173
Willett, B.J., De Parseval, A., Peri, E., Rocchi, M., Hosie, M.J., Randall, R., Klatzmann, D., Neil, J.C. and Jarrett, O.
The generation of monoclonal antibodies recognising novel epitopes by immunisation with solid matrix antigen-antibody complexes reveals a polymorphic determinant on feline CD4 (176) 213
Wilson, G.S., see Hendrickson, T.L. (172) 165
Wilson, K.M., Catimel, B., Mitchelhill, K.I. and Kemp, B.E.
Simplified conjugation chemistry for coupling peptides to F(ab') fragments: autologous red cell agglutination assay for HIV-1 antibodies (175) 267
Wilson, P.B., see Wang, J.M. (171) 55
Winzler, C., see Lutz, M.B. (174) 269
Witt, P., see Oh, S.-K. (176) 79
Witt, S.N., see Liang, M.N. (173) 127
Witz, J.P., see Faradji, A. (174) 297
Wixler, V., Klarmann, B., Begemann, U., Gahn, G., Lorenz, R. and Hempel, K.
Isolation and quantification of class 1 MHC gene mutants in mouse T cells by immunoselection with a magnetic cell sorter (MACS) (171) 121
Wolf, H., see Karawajew, L. (173) 27
Wolf, H., see Karawajew, L. (177) 119
Wolf, H., see Ruedl, C. (168) 61
Wolfert, R.L., see Hendrickson, T.L. (172) 165
Wöllisch, E., see Rønne, E. (167) 91
Wolos, J.A., see Frondorf, K.A. (172) 131
Wood, P.J., see Cook, A.G. (171) 227
Wooten, R.M., see Causey, A.L. (175) 115
Wortberg, M., see Jones, G. (177) 1
Wright, S.D., see Van Kessel, K.P.M. (172) 25
Wu, Z.H., see Markovic, B. (172) 105
Wuyts, A., Proost, P., Put, W., Lenaerts, J.-P., Paemen, L. and Van Damme, J.
Leukocyte recruitment by monocyte chemotactic proteins (MCPs) secreted by human phagocytes (174) 237
Wylie, D., see Sigal, L.J. (177) 261
Wyss-Coray, T., see Grunow, R. (171) 93

X

Xiang, Z., Wang, X., Gao, J., Morrow, Jr., K.J. and Nakashima, R.A.
Identification of a higher molecular weight protein that shows apparent cross-reactivity with anti-p21^{ras} monoclonal antibodies on Western blots (168) 275
Xiao, H.-Q., see Huang, S.-K. (168) 167
Xu, S.Y., Petersson, C.G.B., Carlson, M. and Venge, P.
The development of an assay for human neutrophil lipocalin (HNL) – to be used as a specific marker of neutrophil activity in vivo and vitro (171) 245

Y

Yang, D. and Le, J.
Targeted amplification of alternatively spliced transcripts of major histocompatibility complex class I heavy chain (176) 265
Yang, Y.H., Hutchinson, P., Littlejohn, G.O. and Boyce, N.
Flow cytometric detection of anti-neutrophil cytoplasmic autoantibodies (172) 77
Yankauckas, M.A., see Vahlsing, H.L. (175) 11
Yap, M., see Chua, F. (167) 109
Yarwood, H., see Meagher, L. (175) 237
Yasui, A., see Kudo, T. (177) 17
Yasukawa, K., see Diamant, M. (173) 229

Yasukawa, K., see Lu, Z.-Y. (173) 19
Yates, A.M., see Beer, D.J. (173) 103
Yen, C.F., Kalunta, C.I., Chen, F.-S., Kaptein, J.S., Lin, C.-K.E. and Lad, P.M.
Flow cytometric evaluation of LDL receptors using DiI-LDL uptake and its application to B and T lymphocytic cell lines (177) 55
Yi, M., see Huang, S.-K. (168) 167
Yialouris, P.P., see Tsitsiloni, O.E. (169) 163
York, J., see Prince, H.E. (177) 165
Yoshioka, T., see Matsutani, T. (177) 9
Yoshioka, T., see Tsuruta, Y. (169) 17
Yost, F.J., see Jagoda, E.M. (173) 191
Young, R.J., see Owens, R.J. (168) 149
Ythier, A., see Boe, A. (171) 157
Yurov, G.K., Neugodova, G.L., Verkhovsky, O.A. and Naroditsky, B.S.
Thiophilic adsorption: rapid purification of $F(ab)_2$ and Fc fragments of IgG1 antibodies from murine ascitic fluid (177) 29
Yurovsky, V.V., Schulze, D.H. and White, B.
Analysis of diversity of T cell antigen receptor genes using polymerase chain reaction and sequencing gel electrophoresis (175) 227

Z

Zanoni, D., see Falagiani, P. (173) 181
Zeder-Lutz, G., see Richalet-Sécordel, P.M. (176) 221
Zerbe, G.O., see Hayward, A.R. (170) 27
Zewe, M., see Dübel, S. (175) 89
Zhang, X.-G., see Lu, Z.-Y. (173) 19
Zheng, S., see Reiner, S.L. (173) 133
Zheng, S., see Reiner, S.L. (175) 275
Zhou, D., see Peri, G. (174) 249
Zingel, O., see Towbin, H. (170) 125
Zola, H., see Gibson, C.E. (167) 65

Subject Index
Volumes 167–177
1994

A

ABL-MYC
Protein kinase C-η; Monoclonal antibody; Retrovirus (Weissinger, E.M. (168) 123)

ABO, human blood group system
ELISA; Anti-A antibody, human; Hemolysin; C1q; Complement (Von Allmen, E. (171) 85)

Absolute CD4 T lymphocyte
Lymphocyte immunophenotyping; Technology assessment; CD4 T lymphocyte; HIV disease (Nicholson, J.K.A. (177) 43)

Acetoxymethyl ester of calcein
Fluorometric microassay; T cell cytotoxicity assay; Lymphokine activated killer assay (Lichtenfels, R. (172) 227)

Acetylcholinesterase
LTC4; Enzyme immunometric assay; Monoclonal antibody; Hapten (Volland, H. (175) 97)

***N*-Acetyl-D-glucosamine, bisecting**
ELISA; Rh antigen; *Phaseolus vulgaris* E4 lectin; Blood stain (Matsubara, K. (173) 175)

Acetyl-low density lipoprotein
Oxidized low density lipoprotein; Labeling; Binding; Macrophage receptor; Lipoprotein (Gugliucci Creriche, A. (174) 103)

Acidification rate measurement
N-linked oligosaccharide of MHC class II antigens; Deglycosylation by aspargine-amidase enzyme; T cell stimulation; Microphysiometer (Nag, B. (172) 95)

Acridinium ester
IL-1 receptor antagonist; Synovial fluid; Rheumatoid arthritis; Monoclonal antibody (Towbin, H. (170) 125)

Activated eosinophil
Monoclonal antibody EG2; Immunocytochemistry; Immunohistochemistry (Jahnsen, F.L. (175) 23)

Activation
Cellular interaction; Lymphokine; T cell subset; Immobilized antibody (Karawajew, L. (173) 27)

Activation and function
T lymphocyte; Positive and negative selection; Avidin column; (Human) (Davis, L.S. (175) 247)

Activin
Synthetic peptide; Polyclonal antibody; Immunofluorescence; Embryonic stem cell; Blastocyst (Paulusma, C.C. (169) 143)

Acute phase protein
ELISA; Filter hybridization; Hepatoma cell; IL-6; Dexamethasone (Boe, A. (171) 157)

Fetuin; α2-Heremans Schmid glycoprotein; ELISA (Akhoundi, C. (172) 189)

Acute phase response
IL-6; Reporter gene; Transfection; Hepatoma cell (Gregory, B. (170) 47)

Adherence
Polymorphonuclear leukocyte; Leukocyte-integrin; Fluorometry (Van Kessel, K.P.M. (172) 25)

Adhesion
Amido black; Cell density assay; Cytotoxicity; Microplate culture; Proliferation; Protein (Schulz, J. (167) 1)

Endothelium; Lymphocyte; Migration (Pryce, G. (167) 55)

Fluorochrome; Flow cytometer; Lymphocyte proliferation; Superoxide; Chemotaxis (De Clerck, L.S. (172) 115)

Macrophage; Phagocytosis; Endocytosis; Monoclonal antibody; Rosetting; Macrophage mannose receptor; Macrophage scavenger receptor (Fraser, I. (174) 95)

Eosinophil; Neutrophil; E-selectin; Intercellular cell adhesion molecule 1; Vascular cell adhesion molecule (Håkansson, L. (176) 53)

Adhesion assay
Weak adhesion; Lymphocyte (St. John, J.J. (170) 159)

Vascular cell adhesion molecule-1; Very late activation antigen; Baculovirus expression system; Jurkat cell line; Calcein acetoxymethyl ester (Stoltenborg, J.K. (175) 59)

Adoptive cellular immunotherapy
Human blood monocyte; Leukapheresis; Elutriation (Faradji, A. (174) 297)

Aerosol
Propellant; Protein; Immunomodulation; (Lung); (Respiratory) (Brown, A.R. (176) 203)

Affinity
Neuraminidase; Fab fragment; Antigen-antibody interaction; Biosensor; Mutant; Surface plasmon resonance (Gruen, L.C. (168) 91)

Monoclonal antibody; Association constant; Hapten (Chappey, O. (172) 219)

Monoclonal antibody; Bluetongue virus; ELISA; Quantitative (White, J.R. (177) 79)

Affinity column
Monoclonal antibody, radiolabeled; Immunoreactivity; Radioimmunotherapy (Jagoda, E.M. (173) 191)

Affinity constant
Dissociation constant; ELISA; Radiolabel; Peptide; Solid-phase antigen; Coating antigen (Seligman, S.J. (168) 101)

Piezoelectric sensor; Monoclonal antibody; Herbicide (Skládal, P. (176) 117)

Agretope
ELISA; T cell epitope; Cervical cancer (Dillner, J. (167) 195)

AIDS
Lymphocyte immunophenotyping; Whole blood; Sample preparation; Flow cytometry; HIV (Tamul, K.R. (167) 237)

Enzyme labeling; Enzyme immunoassay; β-D-Galactosidase; HIV-1; Reverse transcriptase (Hashinaka, K. (172) 179)

ELISA; HIV; 2′,3′-Didehydro-2′,3′-dideoxythymidine; Chromatography, high pressure liquid (Ferrua, B. (176) 103)

Alamar Blue
Non-radioactive; Lymphocyte proliferation; Thymidine incorporation (Ansar Ahmed, S. (170) 211)

Alginate encapsulation
Cytokine transfected cell line; Hybridoma (Savelkoul, H.F.J. (170) 185)

Alkaline phosphatase
Rat prolactin; Enzyme immunoassay; Plasma; Recombinant technology (Ezan, E. (169) 205)

Macrophage; Cytotoxic assay (Modolell, M. (174) 203)

Allele-specific hybridization
Fc receptor; Polymerase chain reaction; Polymorphism; IgG; FcγRII; Allotype (Osborne, J.M. (173) 207)

Allergen
ELISA; Electrophoretic separation; IgE; Nitrocellulose (Guérin-Marchand, C. (167) 219)

Cytokine; T cell, human; Polymerase chain reaction, quantitative (Huang, S.-K. (168) 167)

Reverse enzyme allergosorbent test inhibition; Radio-allergosorbent test inhibition; Allergenic potency; IgE (Falagiani, P. (173) 181)

Allergenic potency
Reverse enzyme allergosorbent test inhibition; Radio-allergosorbent test inhibition; Allergen; IgE (Falagiani, P. (173) 181)

Allergy
Solid support; Surface modification; Immune assay; Manifold support; IgE (Kwiatkowski, M. (168) 137)

Monoclonal antibody, recombinant humanized anti-human IgE; Monoclonal anti-IgE antibody, humanized; FcεRI; Ragweed; Histamine; Basophil; Immunotherapy (Fei, D.T.W. (171) 189)

Allogeneic
Cytotoxic T lymphocyte; DNA; Gene gun; Genetic immunization (Hui, K.M. (171) 147)

Alloreactivity
T cell clone; HLA; Transfected murine fibroblast (Warrens, A.N. (169) 25)

Allotype
Fc receptor; Polymerase chain reaction; Polymorphism; Allele-specific hybridization; IgG; FcγRII (Osborne, J.M. (173) 207)

Alveolar macrophage
Tandem dye; Flow cytometry (Viksman, M.Y. (172) 17)

Flow cytometry; Phycoerythrin/cyanine-5 tandem conjugate; Autofluorescence (Lohmeyer, J. (172) 59)

Respiratory syncytial virus; Tumor necrosis factor; Reactive oxygen intermediate (Franke, G. (174) 173)

Amido black
Adhesion; Cell density assay; Cytotoxicity; Microplate culture; Proliferation; Protein (Schulz, J. (167) 1)

7-Amino-actinomycin D
Flow cytometry; Apoptosis; Paraformaldehyde fixation; Multiparameter analysis; Biohazard (Schmid, I. (170) 145)

N-(m-Aminobenzoyloxy)succinimide
Hapten-protein conjugate; Thyrotropin-releasing hormone; ELISA; Immunocytochemistry (Fujiwara, K. (175) 123)

e-Amino group
2,4,6-Trinitrobenzene 1-sulfonic acid; Trinitrophenyl-L-lysine; Trinitrophenyl-L-glutamic acid; Protein-hapten conjugate (Sashidhar, R.B. (167) 121)

Amperometric detection
Electrochemical thyrotropin immunoassay; Enzyme amplification; Nicotinamide cofactor recycling; Thermostable, pH insensitive NADH oxidase; Hydrogen peroxide (Athey, D. (176) 153)

Amplification
NADP; Immunoassay; Tuberculosis; ELISA (Vera-Cabrera, L. (177) 69)

Anaphylaxis
Intraperitoneal injection; Intravenous injection; Route of injection; Subplantar route (Levine, S. (173) 203)

Animal model
Polynucleotide; Vaccination; Antibody; Cell-mediated immunity; Protective immunity (Donnelly, J.J. (176) 145)

Anti-A antibody, human
ELISA; ABO, human blood group system; Hemolysin; C1q; Complement (Von Allmen, E. (171) 85)

Anti-β-galactosidase
Helminthiasis; DNA recombinant; Monoclonal antibody; Immunodiagnosis (Sugane, K. (168) 55)

Antibody
Polynucleotide; Vaccination; Animal model; Cell-mediated immunity; Protective immunity (Donnelly, J.J. (176) 145)

Cross-reaction; Auto-antibody; Immunofluorescence (Chan, E.K.L. (176) 271)

Antibody avidity
Streptococcus agalactiae; Enzyme immunoassay; IgG antibody (Feldman, R.G. (170) 37)

Antibody diversity
CDR3; Variable region heterogeneity (Desravines, S. (168) 219)

Antibody DNA
Polymerase chain reaction; Antibody expression; Fv; Single chain (Dübel, S. (175) 89)

Antibody engineering
Gene replacement; Homologous recombination; Immunoglobulin expression; Hybridoma (Baker, M.D. (168) 25)

Antibody epitope
ELISA; Synthetic peptide (Ball, J.M. (171) 37)

Antibody expression
Antibody DNA; Polymerase chain reaction; Fv; Single chain (Dübel, S. (175) 89)

Antibody kinetics
Biosensor; Displacement immunoassay; Solid-phase immunoassay (Rabbany, S.Y. (168) 227)

Antibody-secreting cell
ELISPOT test; Europium; Time-resolved fluoroimmunoassay (Ruedl, C. (168) 61)

Antigen detection; Infection; Parasite antigen (Meeusen, E.N.T. (172) 71)

Antibody synergy
CD21; CD23; Epitope analysis; Epitope display; Monoclonal antibody synergy analysis (Ling, N.R. (173) 11)

Antibody-toxin conjugate
2′,7′-bis-(2-Carboxyethyl)-5(6)-carboxyfluorescein; Cytotoxicity; Dye exclusion; Fluorescent dye; Immunotoxin; Proliferation of cells; Ricin; Toxicity; Trypan blue; Viability (Sellers, J.R. (172) 255)

Anti-cardiolipin antibody
Anti-phospholipid antibody; β_2-glycoprotein I; Immunostaining, thin layer chromatography (Sorice, M. (173) 49)

β_2-glycoprotein-I; Tween 20; ELISA (Cabral, A.R. (175) 107)

Anti-CD3
Monoclonal antibody; Leucine enkephalin; Anti-immunoglobulin (Hendrickson, T.L. (172) 165)

T lymphocyte; Proliferation; Serum-free medium; Mitogen; Superantigen; IL-2 (Causey, A.L. (175) 115)

Anti-DNA
Systemic lupus erythematosus; ELISA; (Clinical evaluation) (Hylkema, M.N. (170) 93)

Anti-DNA autoantibody
Systemic lupus erythematosus; Gel shift assay; Equilibrium dissociation constant (Stevens, S.Y. (177) 185)

Anti-D specificity
Monoclonal antibody; Hybridoma; Peripheral B lymphocyte; CD40 system; (Human) (Thompson, J.M. (175) 137)

Antiganglioside antibody
Ganglioside; ELISA; Tween 20 (Ravindranath, M.H. (169) 257)

Antigen / antibody complex
ELISA; Dissociation rate constant (Larvor, M.-P. (170) 167)

Antigen-antibody interaction
Neuraminidase; Fab fragment; Affinity; Biosensor; Mutant; Surface plasmon resonance (Gruen, L.C. (168) 91)

Antigen detection
Antibody secreting cell; Infection; Parasite antigen (Meeusen, E.N.T. (172) 71)

Antigenic determinant
Thymosin β_4; Epitope mapping; Thymus peptide (Becker, S. (177) 131)

Antigenic peptide
Major histocompatibility complex I; Cytolytic T cell; Mouse mammary tumor virus; Fusion protein (Gill, R.F. (176) 245)

Antigen phage
Monoclonal antibody; Filamentous phage fd; M13; Recombinant protein technology (Micheel, B. (171) 103)

Anti-HS reactivity
Systemic lupus erythematosus; ELISA; Nephritis (Hylkema, M.N. (176) 33)

Anti-immunoglobulin
Monoclonal antibody; Leucine enkephalin; Anti-CD3 (Hendrickson, T.L. (172) 165)

Anti-inflammatory agent
Leukocyte adhesion; Endothelial cell; ELISA (Krakauer, T. (177) 207)

Antimicrobial protein
Intracellular killing; Microorganism; Oxygen-dependent mechanism; Oxygen-independent mechanism; Reactive oxygen intermediate; Reactive nitrogen intermediate (Langermans, J.A.M. (174) 185)

Anti-neutrophil cytoplasm antibody
ELISA; Proteinase 3; α_1-Proteinase inhibitor; Vasculitis (Baslund, B. (175) 215)

Monoclonal antibody; Myeloperoxidase; Lactoferrin; ELISA; Immunoblot (Audrain, M.A.P. (176) 23)

Anti-neutrophil cytoplasmic autoantibody
Flow cytometry; Intracytoplasmic immunofluorescence (Yang, Y.H. (172) 77)

Anti-phospholipid antibody
Anti-cardiolipin antibody; β_2-glycoprotein I; Immunostaining, thin layer chromatography (Sorice, M. (173) 49)

Antisense riboprobe
Autoantibody; Autoantigen; U3 ribonucleoprotein; Th ribonucleoprotein (Verheijen, R. (169) 173)

Anti-tetanus antibody
Tetanus toxoid vaccine; ELISA (Manghi, M.A. (168) 17)

Antiviral activity
Macrophage; Kupffer; Intrinsic; Extrinsic (Keller, F. (174) 167)

Apolipoprotein (a)
Lipoprotein (a); Monoclonal antibody (Théolis, Jr., R. (172) 43)

Apoptosis
Flow cytometry; 7-Amino-actinomycin D; Paraformaldehyde fixation; Multiparameter analysis; Biohazard (Schmid, I. (170) 145)

Cell death; DNA fragmentation; Flow cytometry of DNA content (Telford, W.G. (172) 1)

Arachidonic acid
Eicosanoid; Prostaglandin; Chromatography, high performance liquid; Radioimmunoassay; ELISA (Dieter, P. (174) 223)

Archival material
mRNA; IL-4; Non-isotopic in situ hybridization (Bromley, L. (167) 47)

Area under the isotherm
Effector-target interaction; Binding unit (Galvez, J. (170) 197)

Arginase
Macrophage (Corraliza, I.M. (174) 231)

Ascites
Pristane; Peritoneal cavity; Lymphatic drainage; Reticuloendothelial system; (Mouse) (Moore, J.M. (173) 273)

Assay sensitivity
Radioimmunoassay; Ethynylestradiol; Monoclonal antibody (Agasan, A.L. (177) 251)

Association constant
Monoclonal antibody; Affinity; Hapten (Chappey, O. (172) 219)

Autoantibody
Autoantigen; U3 ribonucleoprotein; Th ribonucleoprotein; Antisense riboprobe (Verheijen, R. (169) 173)

Dot-blot; Screening; Immunoassay; (Method) (Baslund, B. (169) 183)

Auto-antibody
Antibody; Cross-reaction; Immunofluorescence (Chan, E.K.L. (176) 271)

Autoantigen
Autoantibody; U3 ribonucleoprotein; Th ribonucleoprotein; Antisense riboprobe (Verheijen, R. (169) 173)

Autofluorescence
Alveolar macrophage; Flow cytometry; Phycoerythrin/cyanine-5 tandem conjugate (Lohmeyer, J. (172) 59)

Automatic DNA analyzer
Polymerase chain reaction; T cell receptor (Cottrez, F. (172) 85)

Avidin
Immunoradiometric assay; Chemiluminescence; Immunoassay; Radioimmunoassay; Somatotropin-releasing hormone; Biotin; Hypothalamus (Leidy, Jr., J.W. (172) 197)

Avidin-biotin interaction
Heat-stable enterotoxin; ELISA; Enterotoxigenic *Escherichia coli* (De Roquigny, Y.G.H. (173) 1)

Avidin column
T lymphocyte; Positive and negative selection; Activation and function; (Human) (Davis, L.S. (175) 247)

B

Bacterial immunoglobulin-binding protein
Single chain Fv antibody; V_L domain (Åkerström, B. (177) 151)

Bacterial phagocytosis
Spectrofluorimetry; Flow cytometry; Macrophage; Phagocyte (Plasman, N. (174) 195)

Bactericidal / permeability-increasing protein
ELISA; Neutrophil; Serum/plasma protein (White, M.L. (167) 227)

Baculovirus
Complement component C3; Expression (Lao, Z. (176) 127)

Baculovirus expression
Lymphotoxin; Tumor necrosis factor; Soluble receptor (Crowe, P.D. (168) 79)

Baculovirus expression system
Soluble form IL-5 receptor; ELISA for sIL-5R (Kikuchi, Y. (167) 289)

Vascular cell adhesion molecule-1; Very late activation antigen; Jurkat cell line; Adhesion assay; Calcein acetoxymethyl ester (Stoltenborg, J.K. (175) 59)

Basophil
Monoclonal antibody, recombinant humanized anti-human IgE; Monoclonal anti-IgE antibody, humanized; FcεRI; Ragweed; Histamine; Immunotherapy; Allergy (Fei, D.T.W. (171) 189)

Flow cytometry; Electron microscopy; FcεRI; Histamine; Purification (Kepley, C. (175) 1)

B9 assay
IL-6 receptor, soluble; Specificity (Diamant, M. (173) 229)

B cell deficiency
Cluster determinant; Flow cytometry; Gene expression; Reverse transcriptase polymerase chain reaction (James-Yarish, M. (169) 73)

Bee venom
Phospholipase A_2; Monoclonal antibody; Epitope mapping (Myatt, E.A. (177) 35)

Binding
Acetyl-low density lipoprotein; Oxidized low density lipoprotein; Labeling; Macrophage receptor; Lipoprotein (Gugliucci Creriche, A. (174) 103)

Binding constant
Monoclonal antibody, natural human polyreactive; Fermentation; Large scale purification; Chromatography, hydrophobic interaction; Gel filtration; CHAPS; Reaction pattern; Fab fragment (Roggenbuck, D. (167) 207)

Binding protein
Receptor; Fusion protein; Chimeric protein; IgG (Poltorak, A. (169) 93)

Binding unit
Effector-target interaction; Area under the isotherm (Galvez, J. (170) 197)

Bioassay
IL-10, human; Mast cell line (Schlaak, J.F. (168) 49)

Tumor necrosis factor; Neutralization; Monoclonal antibody; Species-specificity (Pauli, U. (171) 263)

Tumor necrosis factor; Fluorometric metabolic indicator; Colorimetric metabolic indicator (Shahan, T.A. (175) 181)

Tumor necrosis factor; Tumor necrosis factor receptor; Immunoassay; Biosensor; Monoclonal antibody (Corti, A. (177) 191)

Biohazard
Flow cytometry; Apoptosis; 7-Amino-actinomycin D; Paraformaldehyde fixation; Multiparameter analysis (Schmid, I. (170) 145)

Biopsy
Multiparameter flow cytometry; CD45; Bone marrow; Gating (Festin, R. (177) 215)

Biosensor
Neuraminidase; Fab fragment; Antigen-antibody interaction; Affinity; Mutant; Surface plasmon resonance (Gruen, L.C. (168) 91)

Displacement immunoassay; Antibody kinetics; Solid-phase immunoassay (Rabbany, S.Y. (168) 227)

Immunosensor; Surface plasmon resonance; IgG; (Antibody) (Geddes, N.J. (175) 149)

Tumor necrosis factor; Tumor necrosis factor receptor; Immunoassay; Bioassay; Monoclonal antibody (Corti, A. (177) 191)

Biosensor assay
HIV-1; Monoclonal antibody; Virology; ELISA (Richalet-Sécordel, P.M. (176) 221)

Biotin
Immunoradiometric assay; Chemiluminescence; Immunoassay; Radioimmunoassay; Somatotropin-releasing hormone; Avidin; Hypothalamus (Leidy, Jr., J.W. (172) 197)

Human chorionic gonadotropin; Immunofluorometric assay; Streptavidin (Stenman, J. (175) 161)

Biotinylated antibody linkage
Scanning tunnelling microscopy; Passive antibody adsorption (Davies, J. (167) 263)

Bispecific antibody
Hybrid hybridoma; Molecular hybridization; Non-radioactive probe (Auriol, J. (169) 123)

Immunoassay; Enhanced affinity; Enhanced binding (Cook, A.G. (171) 227)

Blasticidin S
Hybridoma, human; Parental B cell line; Cell fusion (Kudo, T. (177) 17)

Blastocyst
Activin; Synthetic peptide; Polyclonal antibody; Immunofluorescence; Embryonic stem cell (Paulusma, C.C. (169) 143)

Blood monocyte
Chemotaxis; Boyden chamber; Cell migration (Martinet, Y. (174) 209)

Blood stain
ELISA; Rh antigen; *Phaseolus vulgaris* E4 lectin; *N*-Acetyl-D-glucosamine, bisecting (Matsubara, K. (173) 175)

Bluetongue virus
Monoclonal antibody; Affinity; ELISA; Quantitative (White, J.R. (177) 79)

B lymphocyte
T lymphocyte; Techniques; Malaria; (Squirrel monkey); (*Saimiri sciureus*) (Garraud, O. (173) 165)

B lymphocytic cell line
T lymphocytic cell line; Flow cytometry; LDL receptor (Yen, C.F. (177) 55)

Bone marrow
Multiparameter flow cytometry; CD45; Biopsy; Gating (Festin, R. (177) 215)

Bone marrow transplantation
Restriction fragment length polymorphism; Chimerism analysis; (Method) (Schreiner, T. (168) 183)

Bovine colostrum
Hybridoma culture; Monoclonal antibody production; IgG/IgA hybridoma cell lines; Serum-free medium (Pakkanen, R. (169) 63)

Boyden chamber
Blood monocyte; Chemotaxis; Cell migration (Martinet, Y. (174) 209)

Bromoacetyl peptide
Red cell agglutination; HIV-1; Tri-*n*-butylphosphine; (Antibody) (Wilson, K.M. (175) 267)

Bystander lysis
Europium; Samarium; Lanthanide; Electroporation; Cytotoxicity; Lymphokine-activated killer cell (Bohlen, H. (173) 55)

C

C7
Complement; (Mouse) (Hitsumoto, Y. (176) 163)

Calcein
Liposome immunoassay; Liposome; Phospholipase C; Gentamicin; Gentamicin-phospholipase C conjugate (Kim, C.-K. (170) 225)

Calcein acetoxymethyl ester
Vascular cell adhesion molecule-1; Very late activation antigen; Baculovirus expression system; Jurkat cell line; Adhesion assay (Stoltenborg, J.K. (175) 59)

Calcium influx
Flow cytometry; Fluo-3; T cell hybrid; Sulfinpyrazone (Baus, E. (173) 41)

Cancer
Prothymosin α; Parathymosin α; Thymosin α_1; Epitope; Radioimmunoassay (Tsitsiloni, O.E. (169) 163)

Caprylic acid
Chicken egg yolk; Immunoglobulin extraction; α-Lactalbumin, ovine; Immunization (McLaren, R.D. (177) 175)

Capsular polysaccharide
Haemophilus influenzae type b; Polyribosylribitolphosphate; Monoclonal antibody; In vitro immunization; Oxidative burst (Bunse, R. (177) 89)

2′,7′-bis-(2-Carboxyethyl)-5(6)-carboxyfluorescein
Antibody-toxin conjugate; Cytotoxicity; Dye exclusion; Fluorescent dye; Immunotoxin; Proliferation of cells; Ricin; Toxicity; Trypan blue; Viability (Sellers, J.R. (172) 255)

5-(and -6)-Carboxyfluorescein diacetate succinimidyl ester
Lymphocyte division; Flow cytometry; Immunophenotype (Lyons, A.B. (171) 131)

Carcinogen
Fluorescence; Lung cancer; Macrophage; Smoking; Tobacco (Streck, R.J. (174) 67)

Carrageenan
Lectin; C type; Mouse macrophage galactose/*N*-acetylgalactosamine-specific C type lectin; Macrophage; ELISA (Imai, Y. (171) 23)

CD4
Feline immunodeficiency virus; Virology (Willett, B.J. (176) 213)

CD16
Eosinophil; Purification; Magnetic cell separation (Ide, M. (168) 187)

CD21
CD23; Antibody synergy; Epitope analysis; Epitope display; Monoclonal antibody synergy analysis (Ling, N.R. (173) 11)

CD23
CD21; Antibody synergy; Epitope analysis; Epitope display; Monoclonal antibody synergy analysis (Ling, N.R. (173) 11)

CD45
Multiparameter flow cytometry; Bone marrow; Biopsy; Gating (Festin, R. (177) 215)

CD11b
Neutrophil; Eosinophil; Low density; Dextran; Lactoferrin; Preparative procedure (Berends, C. (167) 183)

CDR3
Antibody diversity; Variable region heterogeneity (Desravines, S. (168) 219)

CD40 system
Monoclonal antibody; Anti-D specificity; Hybridoma; Peripheral B lymphocyte; (Human) (Thompson, J.M. (175) 137)

CD4 T lymphocyte
Lymphocyte immunophenotyping; Technology assessment; Absolute CD4 T lymphocyte; HIV disease (Nicholson, J.K.A. (177) 43)

Cell adhesion molecule
Cell blotting; Hematoxylin; Lithium dodecyl sulfate; Polyacrylamide gel electrophoresis; Polyvinylidene difluoride membrane; Propidium iodide (Seshi, B. (176) 185)

Cell blotting
Cell adhesion molecule; Hematoxylin; Lithium dodecyl sulfate; Polyacrylamide gel electrophoresis; Polyvinylidene difluoride membrane; Propidium iodide (Seshi, B. (176) 185)

Cell culture
Mycoplasma; Contamination; Merocyanine 540; Hoechst 33258; Photoinactivation (Tarshis, M. (168) 245)

Cell cycle
Electroporation; Microinjection; Monoclonal antibody; Protein transfer; Inhibition (Lukas, J. (170) 255)

Cell death
Apoptosis; DNA fragmentation; Flow cytometry of DNA content (Telford, W.G. (172) 1)

Cell density
Murine peritoneal macrophage; Cell separation; Continuous density Percoll gradient; Discontinuous density Percoll gradient (Vray, B. (174) 53)

Cell density assay
Adhesion; Amido black; Cytotoxicity; Microplate culture; Proliferation; Protein (Schulz, J. (167) 1)

Cell fusion
Hybridoma, human; Blasticidin S; Parental B cell line (Kudo, T. (177) 17)

Cell labeling
Fluorescein; Monoclonal antibody; Immunoprecipitation; Immunoblot (Balogh, P. (169) 35)

Cell line
Non-specific esterase; Monocyte; Flow cytometry (Cook, F. (168) 203)

Macrophage; Transformation; Immortalization (Walker, W.S. (174) 25)

Cell lineage
Granulated metrial gland cell; Monoclonal antibody; (Mouse) (Stewart, I.J. (172) 125)

Cell-mediated immunity
Polynucleotide; Vaccination; Animal model; Antibody; Protective immunity (Donnelly, J.J. (176) 145)

Cell-mediated lympholysis
Natural killer cell; Lymphokine-activated killer; Cytotoxicity; Fluorescence; Flow cytometry (Papadopoulos, N.G. (177) 101)

Cell migration
Cell tracking; PKH26; Pancreas; Flow cytometry; Non-obese diabetic mouse (Beavis, A.J. (170) 57)

Blood monocyte; Chemotaxis; Boyden chamber (Martinet, Y. (174) 209)

Cell panning
Lactate dehydrogenase; Class I MHC; H-2; Peptide binding; Surface antigen; Enzyme immunoassay (Sigal, L.J. (177) 261)

Cell proliferation
ELISA; Ki-67 protein; MIB 1 (Key, G. (177) 113)

Cell separation
Percoll gradient; Granulocyte; Superoxide production; Rat strain (Szücs, S. (167) 245)

Human lung mast cell; YB5.B8; *c-kit* Receptor; Stem cell factor (Okayama, Y. (169) 153)

Murine peritoneal macrophage; Cell density; Continuous density Percoll gradient; Discontinuous density Percoll gradient (Vray, B. (174) 53)

Cell surface antigen
ELISA, cell; Monoclonal antibody; Screening method (Grunow, R. (171) 93)

Cell tracking
Cell migration; PKH26; Pancreas; Flow cytometry; Non-obese diabetic mouse (Beavis, A.J. (170) 57)

Cellular interaction
Lymphokine; T cell subset; Activation; Immobilized antibody (Karawajew, L. (173) 27)

Cervical cancer
ELISA; Agretope; T cell epitope (Dillner, J. (167) 195)

CHAPS
Monoclonal antibody, natural human polyreactive; Fermentation; Large scale purification; Chromatography, hydrophobic interaction; Gel filtration; Reaction pattern; Binding constant; Fab fragment (Roggenbuck, D. (167) 207)

Chemical conjugation
Synthetic peptide; Epitope density; Iscom; Immunogenicity; Peptide vaccine (Lövgren, K. (173) 237)

Chemiluminescence
Enzyme immunoassay; Kininogen; Rheumatic disease (Legris, F. (168) 111)

Monoclonal antibody; Dot-immunobinding assay; Foot-and-mouth disease virus; Hog cholera virus (Bakkali, L. (170) 177)

Immunoradiometric assay; Immunoassay; Radioimmunoassay; Somatotropin-releasing hormone; Avidin; Biotin; Hypothalamus (Leidy, Jr., J.W. (172) 197)

Macrophage; Reactive oxygen intermediate; Reactive nitrogen intermediate; Griess reagent (Boudard, F. (174) 259)

Chemiluminescence assay
Endothelial cell-specific protein; Irradiation of endothelial cells; ELISA (Wang, J.M. (171) 55)

Chemiluminescent immunoassay
Interferon; Mx protein (Oh, S.-K. (176) 79)

Chemokine
Chemotaxis; Monocyte chemotactic protein; Interleukin (Wuyts, A. (174) 237)

Monocyte chemotactic protein; Monocyte; Chemotaxis (Peri, G. (174) 249)

Chemotaxis
Collagen gel; Gradient; Diffusion coefficient; Visual assay; Polymorphonuclear leukocyte (Haddox, J.L. (171) 1)

Fluorochrome; Flow cytometer; Adhesion; Lymphocyte proliferation; Superoxide (De Clerck, L.S. (172) 115)

Blood monocyte; Boyden chamber; Cell migration (Martinet, Y. (174) 209)

Chemokine; Monocyte chemotactic protein; Interleukin (Wuyts, A. (174) 237)

Chemokine; Monocyte chemotactic protein; Monocyte (Peri, G. (174) 249)

Chicken egg yolk
Immunoglobulin extraction; Caprylic acid; α-Lactalbumin, ovine; Immunization (McLaren, R.D. (177) 175)

Chimeric antibody
Ganglioside; cDNA expression (Shitara, K. (167) 271)

Chimeric peptide
Recombinant peptide; Expression vector; B-T cell cooperation; Subunit vaccine (De Smet, K.A.L. (177) 243)

Chimeric protein
Receptor; Binding protein; Fusion protein; IgG (Poltorak, A. (169) 93)

Chimerism analysis
Restriction fragment length polymorphism; Bone marrow transplantation; (Method) (Schreiner, T. (168) 183)

Chromatography, affinity
Protein A; Sodium hydroxide; Cleaning; Endotoxin; Monoclonal antibody (Hale, G. (171) 15)

Cytokine; Life cell culture; Minitan concentration; Endotoxin (Savelkoul, H.F.J. (172) 33)

Chromatography, high performance liquid
ELISA; $F(ab')_2$ fragment; $F(ab')_{2\mu}$ fragment; IgM; IL-6; Monoclonal antibody (Inouye, K. (171) 239)

Arachidonic acid; Eicosanoid; Prostaglandin; Radioimmunoassay; ELISA (Dieter, P. (174) 223)

Chromatography, high pressure liquid
ELISA; HIV; AIDS; 2′,3′-Didehydro-2′,3′-dideoxythymidine (Ferrua, B. (176) 103)

Chromatography, hydrophobic interaction
Monoclonal antibody, natural human polyreactive; Fermentation; Large scale purification; Gel filtration; CHAPS; Reaction pattern; Binding constant; Fab fragment (Roggenbuck, D. (167) 207)

Chromatography, immunoaffinity
ELISA; Monoclonal antibody; Leakage (Beer, D.J. (173) 103)

Chromogenic compound
Hereditary angioedema; C1 inhibitor; (Cold) (Nielsen, E.W. (173) 245)

Chronic lymphocytic leukemia
Hybridoma; Conditioned medium; Feeder layer; Cloning efficiency (Quinlan, N. (171) 253)

C1 inhibitor
Hereditary angioedema; Chromogenic compound; (Cold) (Nielsen, E.W. (173) 245)

Circular dichroism
Monoclonal antibody; Recognition; Conformation; Halogenated alcohol; ELISA (Lang, E. (170) 103)

Class I MHC
Lactate dehydrogenase; H-2; Peptide binding; Surface antigen; Enzyme immunoassay; Cell panning (Sigal, L.J. (177) 261)

Class 1 MHC antigen
Mutation frequency; Magnetic cell separation; T lymphocyte; Magnetic cell sorting (Wixler, V. (171) 121)

Class switch
Ganglioside; G_{M2}; Monoclonal antibody (Shitara, K. (169) 83)

Cleaning
Protein A; Sodium hydroxide; Endotoxin; Monoclonal antibody; Chromatography, affinity (Hale, G. (171) 15)

Cloning
Immunoglobulin variable region; Polymerase chain reaction; Rapid amplification of cDNA ends (Ruberti, F. (173) 33)

Cloning efficiency
Hybridoma; Conditioned medium; Feeder layer; Chronic lymphocytic leukemia (Quinlan, N. (171) 253)

Cluster determinant
B cell deficiency; Flow cytometry; Gene expression; Reverse transcriptase polymerase chain reaction (James-Yarish, M. (169) 73)

Coating antigen
Dissociation constant; Affinity constant; ELISA; Radiolabel; Peptide; Solid-phase antigen (Seligman, S.J. (168) 101)

Coating efficiency
Lipopolysaccharide; Lipid A; Trichloroacetic acid ([76-03-9]); ELISA (Hardy, E. (176) 111)

Cobalt carbonyl complex
Non-isotopic immunoassay; Metal carbonyl tracer; Fourier transform infrared spectroscopy; Cortisol; Steroid (Philomin, V. (171) 201)

Collaborative study
Tumor necrosis factor-α (Meager, A. (170) 1)

Collagen gel
Chemotaxis; Gradient; Diffusion coefficient; Visual assay; Polymorphonuclear leukocyte (Haddox, J.L. (171) 1)

Collagen-induced arthritis
T cell ('t Hart, B.A. (176) 179)

Colorimetric assay
Tetrazolium; MTT; Menadione; Cytotoxicity assay (Garn, H. (168) 253)

Colorimetric metabolic indicator
Tumor necrosis factor; Bioassay; Fluorometric metabolic indicator (Shahan, T.A. (175) 181)

Competitive reverse transcriptase-polymerase chain reaction
Covalent capture; ELISA; Cytokine (Taniguchi, A. (169) 101)

Competitor control fragment
Cytokine, rat; Polymerase chain reaction; Gene expression (Siegling, A. (177) 23)

Complement
Sex-limited protein; (Mouse) (Van den Berg, C.W. (169) 251)

ELISA; ABO, human blood group system; Anti-A antibody, human; Hemolysin; C1q (Von Allmen, E. (171) 85)

C7; (Mouse) (Hitsumoto, Y. (176) 163)

Complementarity determining region
T cell antigen receptor; Diversity; Reverse transcription-polymerase chain reaction; $\gamma\delta$ T cell clone (Yurovsky, V.V. (175) 227)

Complement C9
Protein engineering; Polymerase chain reaction; Glycosylation (Taylor, K.M. (167) 129)

Complement component C3
Baculovirus; Expression (Lao, Z. (176) 127)

Complement receptor 1
Decay accelerating factor; Erythrocyte; Immune complex (Jones, D.R.E. (177) 235)

Complex
α_2 Macroglobulin; Cytokine; Isolation (Cunningham, A.J. (169) 287)

Conditioned medium
Hybridoma; Feeder layer; Chronic lymphocytic leukemia; Cloning efficiency (Quinlan, N. (171) 253)

Conformation
Monoclonal antibody; Recognition; Circular dichroism; Halogenated alcohol; ELISA (Lang, E. (170) 103)

Consensus primer
T cell receptor; Polymerase chain reaction (Moonka, D. (169) 41)

Contact allergen
Langerhans cell; Endocytotic activation; Irritant (Becker, D. (169) 195)

Contamination
Mycoplasma; Cell culture; Merocyanine 540; Hoechst 33258; Photoinactivation (Tarshis, M. (168) 245)

Continuous density Percoll gradient
Murine peritoneal macrophage; Cell density; Cell separation; Discontinuous density Percoll gradient (Vray, B. (174) 53)

Conventional soluble antigen
Naive human T cell (Plebanski, M. (170) 15)

Cortisol
Non-isotopic immunoassay; Metal carbonyl tracer; Fourier transform infrared spectroscopy; Steroid; Cobalt carbonyl complex (Philomin, V. (171) 201)

Covalent capture
Competitive reverse transcriptase-polymerase chain reaction; ELISA; Cytokine (Taniguchi, A. (169) 101)

Covalent coupling
Lipoic acid; Natural antibody; ELISA (Legastelois, S. (171) 111)

C1q
ELISA; ABO, human blood group system; Anti-A antibody, human; Hemolysin; Complement (Von Allmen, E. (171) 85)

C-reactive protein
High sensitivity agglutination test; Latex agglutination test; Ultrasonic standing wave field; Tubular transducer; *Escherichia coli* 0157 (Grundy, M.A. (176) 169)

Cross-reaction
Antibody; Auto-antibody; Immunofluorescence (Chan, E.K.L. (176) 271)

Cross-reactivity
Monoclonal antibody; p21; ras; Immunoglobulin; Serum albumin (Xiang, Z. (168) 275)

Immunoassay; Logistic model (Jones, G. (177) 1)

Cryoglobulin
Hepatitis C; IgG; IgM; Immunoglobulin; Microsequencing; Monoclonal; Polyclonal; Two-dimensional polyacrylamide gel electrophoresis (Tissot, J.-D. (173) 63)

C type
Carrageenan; Lectin; Mouse macrophage galactose/*N*-acetylgalactosamine-specific C type lectin; Macrophage; ELISA (Imai, Y. (171) 23)

Culture medium
Hybridoma; Serum-free culture; Monoclonal antibody (Chua, F. (167) 109)

Cystatin A
Cysteine proteinase inhibitor; Monoclonal antibody (Takeda, A. (168) 69)

Cysteine proteinase inhibitor
Cystatin A; Monoclonal antibody (Takeda, A. (168) 69)

Cytochalasin B
Phagocytosis, quantitative study of; Zymosan; α-Mannan; Laminarin (Lombard, Y. (174) 155)

Cytokine
Riboprobes; Polymerase chain reaction; Digoxigenin; IL-2 (Birk, P.E. (167) 83)

α_2 Macroglobulin; ELISA (James, K. (168) 33)

Allergen; T cell, human; Polymerase chain reaction, quantitative (Huang, S.-K. (168) 167)

Competitive reverse transcriptase-polymerase chain reaction; Covalent capture; ELISA (Taniguchi, A. (169) 101)

Intracellular immunofluorescence; Flow cytometry (McIntyre, C.A. (169) 213)

α_2 Macroglobulin; Complex; Isolation (Cunningham, A.J. (169) 287)

Life cell culture; Minitan concentration; Chromatography, affinity; Endotoxin (Savelkoul, H.F.J. (172) 33)

IL-11; IL-6 (Lu, Z.-Y. (173) 19)

Kinetics; *Staphylococcus* enterotoxin B; Immunohistochemistry; Reverse transcription-polymerase chain reaction (Litton, M.J. (175) 47)

Limiting dilution analysis; IL-4; IFN-γ; Immediate hypersensitivity (Li, Y. (175) 169)

Cytokine, rat
Polymerase chain reaction; Gene expression; Competitor control fragment (Siegling, A. (177) 23)

Cytokine transfected cell line
Alginate encapsulation; Hybridoma (Savelkoul, H.F.J. (170) 185)

Cytolysis
Cytotoxicity assay; Natural killer cell; Time-resolved fluorometry (Lövgren, J. (173) 119)

Cytolytic effector cell
Cytotoxicity assay; Lytic activity; Tumor target cell; Natural killer cell (Mariani, E. (172) 173)

Cytolytic T cell
Major histocompatibility complex I; Antigenic peptide; Mouse mammary tumor virus; Fusion protein (Gill, R.F. (176) 245)

Cytolytic T lymphocyte
In vivo peptide priming; Photoaffinity labeling; Major histocompatibility complex class I; Peptide binding (Romero, P. (171) 73)

Cytotoxic assay
Macrophage; Alkaline phosphatase (Modolell, M. (174) 203)

Cytotoxicity
Adhesion; Amido black; Cell density assay; Microplate culture; Proliferation; Protein (Schulz, J. (167) 1)

Europium; Samarium; Terbium; Natural killer cell; Time-resolved fluorometry (Blomberg, K. (168) 267)

Antibody-toxin conjugate; 2′,7′-bis-(2-Carboxyethyl)-5(6)-carboxyfluorescein; Dye exclusion; Fluorescent dye; Immunotoxin; Proliferation of cells; Ricin; Toxicity; Trypan blue; Viability (Sellers, J.R. (172) 255)

Europium; Samarium; Lanthanide; Electroporation; Lymphokine-activated killer cell; Bystander lysis (Bohlen, H. (173) 55)

Positron emission tomography; Natural killer cell; Labeling (Melder, R.J. (175) 79)

Natural killer cell; Lymphokine-activated killer; Cell-mediated lympholysis; Fluorescence; Flow cytometry (Papadopoulos, N.G. (177) 101)

Kinetics; Cytotoxic T lymphocyte; Natural killer cell; Flow cytometry (Karawajew, L. (177) 119)

Cytotoxicity assay
Colorimetric assay; Tetrazolium; MTT; Menadione (Garn, H. (168) 253)

Non-radioactive; Superoxide dismutase (Franke, L. (171) 259)

Lytic activity; Tumor target cell; Cytolytic effector cell; Natural killer cell (Mariani, E. (172) 173)

Cytolysis; Natural killer cell; Time-resolved fluorometry (Lövgren, J. (173) 119)

Cytotoxic T lymphocyte
Allogeneic; DNA; Gene gun; Genetic immunization (Hui, K.M. (171) 147)

Lipopeptide; Synthetic vaccine; T cell epitope (Borges, E. (173) 253)

Genetic immunization; Influenza nuclear protein; Plasmid DNA; Gene gun; (Antibody) (Vahlsing, H.L. (175) 11)

Cytotoxicity; Kinetics; Natural killer cell; Flow cytometry (Karawajew, L. (177) 119)

D

hsp 70 kDa heat shock protein family
Isolation; Parasite; Mammalian cell (Nandan, D. (176) 255)

Daudi cell line
IFN-α; IFN-β; Interferon antagonist; Interferon inhibitor; Interferon antibody (Prümmer, O. (171) 45)

Decay accelerating factor
Complement receptor 1; Erythrocyte; Immune complex (Jones, D.R.E. (177) 235)

Deglycosylation by aspargine-amidase enzyme
N-linked oligosaccharide of MHC class II antigens; T cell stimulation; Microphysiometer; Acidification rate measurement (Nag, B. (172) 95)

Dendritic cell
Monocyte; Macrophage; Differentiation; Flow cytometry; Intracellular antigen; (Equine) (Steinbach, F. (174) 109)

Macrophage; Immuno-effector function; Infection site; (Antigen) (Betjes, M.G.H. (174) 215)

Retroviral immortalization; Mononuclear phagocyte; Mouse macrophage; Microglia (Lutz, M.B. (174) 269)

Depletion of macrophages
Macrophage; Function of macrophages; Liposome; Dichloromethylene-bisphosphonate (Cl_2MBP, or clodronate) (Van Rooijen, N. (174) 83)

Desensitization
Ubiquitin; Radioimmunoassay; Schistosomiasis; *Hymenoptera* venom hypersensitivity (Asseman, C. (173) 93)

Designer chimera
T cell development; Thymic organ culture; Major histocompatibility complex class II (Merkenschlager, M. (171) 177)

Dexamethasone
ELISA; Filter hybridization; Acute phase protein; Hepatoma cell; IL-6 (Boe, A. (171) 157)

Dextran
Neutrophil; Eosinophil; Low density; CD11b; Lactoferrin; Preparative procedure (Berends, C. (167) 183)

Dialysis tubing
Interleukin production; IL-2; IL-4; Myeloma cell (Sjögren-Jansson, E. (168) 131)

Dichloromethylene-bisphosphonate (Cl_2MBP, or clodronate)
Macrophage; Function of macrophages; Depletion of macrophages; Liposome (Van Rooijen, N. (174) 83)

2′,3′-Didehydro-2′,3′-dideoxythymidine
ELISA; HIV; AIDS; Chromatography, high pressure liquid (Ferrua, B. (176) 103)

Differential interference contrast
Eosinophil; Immunofluorescence (Jahnsen, F.L. (173) 77)

Differentiation
Monocyte; Macrophage; Dendritic cell; Flow cytometry; Intracellular antigen; (Equine) (Steinbach, F. (174) 109)

Diffusion coefficient
Collagen gel; Chemotaxis; Gradient; Visual assay; Polymorphonuclear leukocyte (Haddox, J.L. (171) 1)

Digoxigenin
Riboprobes; Polymerase chain reaction; Cytokine; IL-2 (Birk, P.E. (167) 83)

Discontinuous density Percoll gradient
Murine peritoneal macrophage; Cell density; Cell separation; Continuous density Percoll gradient (Vray, B. (174) 53)

Displacement immunoassay
Biosensor; Antibody kinetics; Solid-phase immunoassay (Rabbany, S.Y. (168) 227)

Display library
Epitope; Receptor; Peptide; Phage (Miceli, R.M. (167) 279)

Dissociation constant
Affinity constant; ELISA; Radiolabel; Peptide; Solid-phase antigen; Coating antigen (Seligman, S.J. (168) 101)

Dissociation rate constant
ELISA; Antigen/antibody complex (Larvor, M.-P. (170) 167)

Diversity
T cell antigen receptor; Complementarity determining region; Reverse transcription-polymerase chain reaction; $\gamma\delta$ T cell clone (Yurovsky, V.V. (175) 227)

DNA
Allogeneic; Cytotoxic T lymphocyte; Gene gun; Genetic immunization (Hui, K.M. (171) 147)

Expression; *Escherichia coli*; Single chain; Glycophorin A; Erythrocyte; Immunoglobulin; HIV; (Antibody) (Lilley, G.G. (171) 211)

Immunoprecipitation; DNA binding protein; (Antibody) (Weitzmann, M.N. (173) 7)

DNA binding protein
DNA; Immunoprecipitation; (Antibody) (Weitzmann, M.N. (173) 7)

cDNA expression
Chimeric antibody; Ganglioside (Shitara, K. (167) 271)

DNA fragmentation
Apoptosis; Cell death; Flow cytometry of DNA content (Telford, W.G. (172) 1)

DNA recombinant
Helminthiasis; Monoclonal antibody; Anti-β-galactosidase; Immunodiagnosis (Sugane, K. (168) 55)

Domain-specific antibody
Pregnancy-specific glycoprotein; Fusion protein; RGD sequence (Tschentscher, P. (170) 247)

Dot-blot
Autoantibody; Screening; Immunoassay; (Method) (Baslund, B. (169) 183)

Dot-immunobinding assay
Soluble Fcγ receptor; Immune complex (Kristoffersen, E.K. (167) 15)

Monoclonal antibody; Chemiluminescence; Foot-and-mouth disease virus; Hog cholera virus (Bakkali, L. (170) 177)

Double-stranded nucleic acids quantitation
Propidium iodide; Fluorescence assay; Microplate fluorometer (Wan, C.P. (173) 265)

Dowstream processing
Hybridoma; Monoclonal antibody; Packed-bed bioreactor; Serum-free medium; Perfusion system (Moro, A.M. (176) 67)

Dual immunohistochemical labeling
Immunogold-silver; Horseradish peroxidase (Gibson, C.E. (167) 65)

Dye exclusion
Antibody-toxin conjugate; 2′,7′-bis-(2-Carboxyethyl)-5(6)-carboxyfluorescein; Cytotoxicity; Fluorescent dye; Immunotoxin; Proliferation of cells; Ricin; Toxicity; Trypan blue; Viability (Sellers, J.R. (172) 255)

E

Effector-target interaction
Binding unit; Area under the isotherm (Galvez, J. (170) 197)

Eicosanoid
Arachidonic acid; Prostaglandin; Chromatography, high performance liquid; Radioimmunoassay; ELISA (Dieter, P. (174) 223)

Electrochemical thyrotropin immunoassay
Enzyme amplification; Amperometric detection; Nicotinamide cofactor recycling; Thermostable, pH insensitive NADH oxidase; Hydrogen peroxide (Athey, D. (176) 153)

Electron microscopy
Basophil; Flow cytometry; FcϵRI; Histamine; Purification (Kepley, C. (175) 1)

Electrophoretic separation
ELISA; Allergen; IgE; Nitrocellulose (Guérin-Marchand, C. (167) 219)

Electroporation
Microinjection; Monoclonal antibody; Protein transfer; Cell cycle; Inhibition (Lukas, J. (170) 255)

Europium; Samarium; Lanthanide; Cytotoxicity; Lymphokine-activated killer cell; Bystander lysis (Bohlen, H. (173) 55)

ELISA
Urokinase receptor; Plasminogen activator; Invasion; Extracellular matrix (Rønne, E. (167) 91)

Malaria; Synthetic peptide antigen (Roy, A. (167) 139)

Agretope; T cell epitope; Cervical cancer (Dillner, J. (167) 195)

Electrophoretic separation; Allergen; IgE; Nitrocellulose (Guérin-Marchand, C. (167) 219)

Bactericidal/permeability-increasing protein; Neutrophil; Serum/plasma protein (White, M.L. (167) 227)

Leukemia inhibitory factor; Interleukin, human; Monoclonal antibody (De Groote, D. (167) 253)

Anti-tetanus antibody; Tetanus toxoid vaccine (Manghi, M.A. (168) 17)

α_2 Macroglobulin; Cytokine (James, K. (168) 33)

Dissociation constant; Affinity constant; Radiolabel; Peptide; Solid-phase antigen; Coating antigen (Seligman, S.J. (168) 101)

Competitive reverse transcriptase-polymerase chain reaction; Covalent capture; Cytokine (Taniguchi, A. (169) 101)

Mono-^{125}I-(Tyr A_{14})-human insulin; Mono-^{125}I-(Tyr A_{19})-human insulin; Insulin antibody; Insulin autoantibody; Radiobinding assay (Del Rosario Stumpo, R. (169) 241)

Antiganglioside antibody; Ganglioside; Tween 20 (Ravindranath, M.H. (169) 257)

Endothelial cell; Smooth muscle cell; Receptor (Hicks, C. (170) 83)

Systemic lupus erythematosus; Anti-DNA; (Clinical evaluation) (Hylkema, M.N. (170) 93)

Monoclonal antibody; Recognition; Circular dichroism; Conformation; Halogenated alcohol (Lang, E. (170) 103)

Dissociation rate constant; Antigen/antibody complex (Larvor, M.-P. (170) 167)

Carrageenan; Lectin; C type; Mouse macrophage galactose/*N*-acetylgalactosamine-specific C type lectin; Macrophage (Imai, Y. (171) 23)

Synthetic peptide; Antibody epitope (Ball, J.M. (171) 37)

Endothelial cell-specific protein; Irradiation of endothelial cells; Chemiluminescence assay (Wang, J.M. (171) 55)

ABO, human blood group system; Anti-A antibody, human; Hemolysin; C1q; Complement (Von Allmen, E. (171) 85)

Lipoic acid; Natural antibody; Covalent coupling (Legastelois, S. (171) 111)

Filter hybridization; Acute phase protein; Hepatoma cell; IL-6; Dexamethasone (Boe, A. (171) 157)

$F(ab')_2$ fragment; $F(ab')_{2\mu}$ fragment; Chromatography, high performance liquid; IgM; IL-6; Monoclonal antibody (Inouye, K. (171) 239)

Fetuin; α2-Heremans Schmid glycoprotein; Acute phase protein (Akhoundi, C. (172) 189)

Heat-stable enterotoxin; Enterotoxigenic *Escherichia coli*; Avidin-biotin interaction (De Roquigny, Y.G.H. (173) 1)

Chromatography, immunoaffinity; Monoclonal antibody; Leakage (Beer, D.J. (173) 103)

Monoclonal antibody to hapten (Danilova, N.P. (173) 111)

Fusion protein; Immunization (Hey, A.W. (173) 149)

Rh antigen; *Phaseolus vulgaris* E4 lectin; *N*-Acetyl-D-glucosamine, bisecting; Blood stain (Matsubara, K. (173) 175)

Arachidonic acid; Eicosanoid; Prostaglandin; Chromatography, high performance liquid; Radioimmunoassay (Dieter, P. (174) 223)

Galanthus nivalis agglutinin; HIV-1 gp120; Soluble CD4; Inhibition (Hinkula, J. (175) 37)

Anticardiolipin antibody; β_2-glycoprotein-I; Tween 20 (Cabral, A.R. (175) 107)

N-(*m*-Aminobenzoyloxy)succinimide; Hapten-protein conjugate; Thyrotropin-releasing hormone; Immunocytochemistry (Fujiwara, K. (175) 123)

Synthetic peptide; Monoclonal antibody (Lagacé, J. (175) 131)

Proteinase 3; α_1-Proteinase inhibitor; Anti-neutrophil cytoplasm antibody; Vasculitis (Baslund, B. (175) 215)

Anti-neutrophil cytoplasm antibody; Monoclonal antibody; Myeloperoxidase; Lactoferrin; Immunoblot (Audrain, M.A.P. (176) 23)

Systemic lupus erythematosus; Anti-HS reactivity; Nephritis (Hylkema, M.N. (176) 33)

Ion-sensitive field effect transistor; Polymerase chain reaction; Human T cell leukemia virus type I (Tsuruta, H. (176) 45)

HIV; AIDS; 2′,3′-Didehydro-2′,3′-dideoxythymidine; Chromatography, high pressure liquid (Ferrua, B. (176) 103)

Lipopolysaccharide; Lipid A; Trichloroacetic acid ([76-03-9]); Coating efficiency (Hardy, E. (176) 111)

HIV-1; Monoclonal antibody; Biosensor assay; Virology (Richalet-Sécordel, P.M. (176) 221)

Amplification; NADP; Immunoassay; Tuberculosis (Vera-Cabrera, L. (177) 69)

Monoclonal antibody; Affinity; Bluetongue virus; Quantitative (White, J.R. (177) 79)

Cell proliferation; Ki-67 protein; MIB 1 (Key, G. (177) 113)

Optimization; Fractional factorial design (Reiken, S.R. (177) 199)

Leukocyte adhesion; Endothelial cell; Anti-inflammatory agent (Krakauer, T. (177) 207)

ELISA, cell
Monoclonal antibody; Screening method; Cell surface antigen (Grunow, R. (171) 93)

ELISA for sIL-5R
Soluble form IL-5 receptor; Baculovirus expression system (Kikuchi, Y. (167) 289)

ELISA plate
Immunoprecipitation; HBsAg; Protein A (Von Brunn, A. (169) 135)

ELISPOT test
Antibody-secreting cell; Europium; Time-resolved fluoroimmunoassay (Ruedl, C. (168) 61)

Elutriation
Human blood monocyte; Leukapheresis; Adoptive cellular immunotherapy (Faradji, A. (174) 297)

Embryonic stem cell
Activin; Synthetic peptide; Polyclonal antibody; Immunofluorescence; Blastocyst (Paulusma, C.C. (169) 143)

Endocytosis
Macrophage; Phagocytosis; Adhesion; Monoclonal antibody; Rosetting; Macrophage mannose receptor; Macrophage scavenger receptor (Fraser, I. (174) 95)

Endocytotic activation
Langerhans cell; Contact allergen; Irritant (Becker, D. (169) 195)

Endoglycosidase H
TCR complex; Lectin; Wheat germ agglutinin; Sialic acid (Kearse, K.P. (167) 75)

Endothelial cell
Smooth muscle cell; Receptor; ELISA (Hicks, C. (170) 83)

E-selectin; Vascular cell adhesion molecule-1; Intercellular adhesion molecule-1; Polymerase chain reaction (Meagher, L. (175) 237)

Leukocyte adhesion; ELISA; Anti-inflammatory agent (Krakauer, T. (177) 207)

Endothelial cell-specific protein
Irradiation of endothelial cells; ELISA; Chemiluminescence assay (Wang, J.M. (171) 55)

Endothelium
Lymphocyte; Migration; Adhesion (Pryce, G. (167) 55)

Endotoxin
Protein A; Sodium hydroxide; Cleaning; Monoclonal antibody; Chromatography, affinity (Hale, G. (171) 15)

Cytokine; Life cell culture; Minitan concentration; Chromatography, affinity (Savelkoul, H.F.J. (172) 33)

Enhanced affinity
Bispecific antibody; Immunoassay; Enhanced binding (Cook, A.G. (171) 227)

Enhanced binding
Bispecific antibody; Immunoassay; Enhanced affinity (Cook, A.G. (171) 227)

Enterotoxigenic *Escherichia coli*
Heat-stable enterotoxin; ELISA; Avidin-biotin interaction (De Roquigny, Y.G.H. (173) 1)

Enzyme amplification
Electrochemical thyrotropin immunoassay; Amperometric detection; Nicotinamide cofactor recycling; Thermostable, pH insensitive NADH oxidase; Hydrogen peroxide (Athey, D. (176) 153)

Enzyme immunoassay
Chemiluminescence; Kininogen; Rheumatic disease (Legris, F. (168) 111)

Soluble cytokine receptor; IL-6 (Montero-Julian, F.A. (169) 111)

Rat prolactin; Alkaline phosphatase; Plasma; Recombinant technology (Ezan, E. (169) 205)

Streptococcus agalactiae; Antibody avidity; IgG antibody (Feldman, R.G. (170) 37)

Enzyme labeling; β-D-Galactosidase; HIV-1; Reverse transcriptase; AIDS (Hashinaka, K. (172) 179)

Lactate dehydrogenase; Class I MHC; H-2; Peptide binding; Surface antigen; Cell panning (Sigal, L.J. (177) 261)

Enzyme immunometric assay
LTC4; Monoclonal antibody; Acetylcholinesterase; Hapten (Volland, H. (175) 97)

Enzyme inhibition
Monoclonal antibody; Thermostable DNA polymerase; *Thermus aquaticus*; Epitope mapping; Surface plasmon resonance (Scalice, E.R. (172) 147)

Enzyme labeling
Enzyme immunoassay; β-D-Galactosidase; HIV-1; Reverse transcriptase; AIDS (Hashinaka, K. (172) 179)

Eosinophil
Neutrophil; Low density; Dextran; CD11b; Lactoferrin; Preparative procedure (Berends, C. (167) 183)

Purification; Magnetic cell separation; CD16 (Ide, M. (168) 187)

Differential interference contrast; Immunofluorescence (Jahnsen, F.L. (173) 77)

Neutrophil; Adhesion; E-selectin; Intercellular cell adhesion molecule 1; Vascular cell adhesion molecule (Håkansson, L. (176) 53)

Epidemiology
Whole blood; T cell; Leprosy; IFN-γ (Weir, R.E. (176) 93)

Epitope
Receptor; Peptide; Phage; Display library (Miceli, R.M. (167) 279)

Prothymosin α; Parathymosin α; Thymosin α_1; Cancer; Radioimmunoassay (Tsitsiloni, O.E. (169) 163)

T helper cell; Synthetic peptide; Peripheral blood mononuclear cell; Proliferation; Tetanus toxin (Reece, J.C. (172) 241)

Epitope analysis
CD21; CD23; Antibody synergy; Epitope display; Monoclonal antibody synergy analysis (Ling, N.R. (173) 11)

Epitope density
Synthetic peptide; Iscom; Immunogenicity; Chemical conjugation; Peptide vaccine (Lövgren, K. (173) 237)

Epitope display
CD21; CD23; Antibody synergy; Epitope analysis; Monoclonal antibody synergy analysis (Ling, N.R. (173) 11)

Epitope mapping
T cell receptor ζ chain; Monoclonal antibody (Van Oers, N.S.C. (170) 261)

Monoclonal antibody; Thermostable DNA polymerase; *Thermus aquaticus*; Enzyme inhibition; Surface plasmon resonance (Scalice, E.R. (172) 147)

Phospholipase A_2; Bee venom; Monoclonal antibody (Myatt, E.A. (177) 35)

Thymosin β_4; Antigenic determinant; Thymus peptide (Becker, S. (177) 131)

Equilibrium dissociation constant
Systemic lupus erythematosus; Anti-DNA autoantibody; Gel shift assay (Stevens, S.Y. (177) 185)

Erythrocyte
DNA; Expression; *Escherichia coli*; Single chain; Glycophorin A; Immunoglobulin; HIV; (Antibody) (Lilley, G.G. (171) 211)

Complement receptor 1; Decay accelerating factor; Immune complex (Jones, D.R.E. (177) 235)

Escapee
Flow cytometry; Lymphocyte subset (Prince, H.E. (177) 165)

Escherichia coli
DNA; Expression; Single chain; Glycophorin A; Erythrocyte; Immunoglobulin; HIV; (Antibody) (Lilley, G.G. (171) 211)

***Escherichia coli* 0157**
High sensitivity agglutination test; Latex agglutination test; Ultrasonic standing wave field; Tubular transducer; C-reactive protein (Grundy, M.A. (176) 169)

E-selectin
Endothelial cell; Vascular cell adhesion molecule-1; Intercellular adhesion molecule-1; Polymerase chain reaction (Meagher, L. (175) 237)

Eosinophil; Neutrophil; Adhesion; Intercellular cell adhesion molecule 1; Vascular cell adhesion molecule (Håkansson, L. (176) 53)

Ethynylestradiol
Radioimmunoassay; Monoclonal antibody; Assay sensitivity (Agasan, A.L. (177) 251)

Europium
Antibody-secreting cell; ELISPOT test; Time-resolved fluoroimmunoassay (Ruedl, C. (168) 61)

Samarium; Terbium; Natural killer cell; Cytotoxicity; Time-resolved fluorometry (Blomberg, K. (168) 267)

Samarium; Lanthanide; Electroporation; Cytotoxicity; Lymphokine-activated killer cell; Bystander lysis (Bohlen, H. (173) 55)

Expression
DNA; *Escherichia coli*; Single chain; Glycophorin A; Erythrocyte; Immunoglobulin; HIV; (Antibody) (Lilley, G.G. (171) 211)

Complement component C3; Baculovirus (Lao, Z. (176) 127)

Expression vector
Recombinant peptide; Chimeric peptide; B-T cell cooperation; Subunit vaccine (De Smet, K.A.L. (177) 243)

Extracellular matrix
Urokinase receptor; Plasminogen activator; ELISA; Invasion (Rønne, E. (167) 91)

Extrinsic
Macrophage; Kupffer; Intrinsic; Antiviral activity (Keller, F. (174) 167)

F

Fab fragment
Monoclonal antibody, natural human polyreactive; Fermentation; Large scale purification; Chromatography, hydrophobic interaction; Gel filtration; CHAPS; Reaction pattern; Binding constant (Roggenbuck, D. (167) 207)

Neuraminidase; Antigen-antibody interaction; Affinity; Biosensor; Mutant; Surface plasmon resonance (Gruen, L.C. (168) 91)

$F(ab')_2$ fragment
ELISA; $F(ab')_{2\mu}$ fragment; Chromatography, high performance liquid; IgM; IL-6; Monoclonal antibody (Inouye, K. (171) 239)

Purification; Fc fragment; Thiophilic adsorption (Yurov, G.K. (177) 29)

$F(ab')_{2\mu}$ fragment
ELISA; $F(ab')_2$ fragment; Chromatography, high performance liquid; IgM; IL-6; Monoclonal antibody (Inouye, K. (171) 239)

FcεRI
Monoclonal antibody, recombinant humanized anti-human IgE; Monoclonal anti-IgE antibody, humanized; Ragweed; Histamine; Basophil; Immunotherapy; Allergy (Fei, D.T.W. (171) 189)

Basophil; Flow cytometry; Electron microscopy; Histamine; Purification (Kepley, C. (175) 1)

Fc fragment
Purification; $F(ab)_2$ fragment; Thiophilic adsorption (Yurov, G.K. (177) 29)

Fcγ receptor
In situ hybridization; mRNA; Platelet; Megakaryoblast (Markovic, B. (172) 105)

FcγRII
Fc receptor; Polymerase chain reaction; Polymorphism; Allele-specific hybridization; IgG; Allotype (Osborne, J.M. (173) 207)

Fc receptor
Polymerase chain reaction; Polymorphism; Allele-specific hybridization; IgG; FcγRII; Allotype (Osborne, J.M. (173) 207)

Feeder layer
Hybridoma; Conditioned medium; Chronic lymphocytic leukemia; Cloning efficiency (Quinlan, N. (171) 253)

Feline immunodeficiency virus
CD4; Virology (Willett, B.J. (176) 213)

Feline lymphocyte
T and B cell discrimination; *Pisum sativum* agglutinin; Flow cytometry (Whitehurst, C.E. (175) 189)

Fermentation
Monoclonal antibody, natural human polyreactive; Large scale purification; Chromatography, hydrophobic interaction; Gel filtration; CHAPS; Reaction pattern; Binding constant; Fab fragment (Roggenbuck, D. (167) 207)

Fetuin
α2-Heremans Schmid glycoprotein; Acute phase protein; ELISA (Akhoundi, C. (172) 189)

Fibrin glue
Thymectomy; Tracheal intubation; Suction method (Kobayashi, E. (171) 33)

Filamentous phage fd
Monoclonal antibody; M13; Recombinant protein technology; Antigen phage (Micheel, B. (171) 103)

Filter hybridization
ELISA; Acute phase protein; Hepatoma cell; IL-6; Dexamethasone (Boe, A. (171) 157)

Floating section
Hybridoma screening; Immunocytochemistry (Berghman, L.R. (168) 197)

Flow cytometer
Fluorochrome; Adhesion; Lymphocyte proliferation; Superoxide; Chemotaxis (De Clerck, L.S. (172) 115)

Flow cytometric analysis
Macrophage; Lymphocyte; Membrane antigen (Plasman, N. (174) 123)

Flow cytometry
Lymphocyte immunophenotyping; Whole blood; Sample preparation; HIV; AIDS (Tamul, K.R. (167) 237)

Non-specific esterase; Monocyte; Cell line (Cook, F. (168) 203)

Lymphocyte; Transcription; Transient gene expression (Mazda, O. (169) 53)

B cell deficiency; Cluster determinant; Gene expression; Reverse transcriptase polymerase chain reaction (James-Yarish, M. (169) 73)

Intracellular immunofluorescence; Cytokine (McIntyre, C.A. (169) 213)

Cell tracking; Cell migration; PKH26; Pancreas; Non-obese diabetic mouse (Beavis, A.J. (170) 57)

Instability; Monoclonal antibody, human; Productivity (Ohlin, M. (170) 75)

Phagocytosis; Reactive oxygen intermediate (Perticarari, S. (170) 117)

Apoptosis; 7-Amino-actinomycin D; Paraformaldehyde fixation; Multiparameter analysis; Biohazard (Schmid, I. (170) 145)

Lymphocyte division; Immunophenotype; 5-(and -6)-Carboxyfluorescein diacetate succinimidyl ester (Lyons, A.B. (171) 131)

Radioimmunoassay; Lipopolysaccharide; Lipolysaccharide-binding protein (Heumann, D. (171) 169)

Alveolar macrophage; Tandem dye (Viksman, M.Y. (172) 17)

Alveolar macrophage; Phycoerythrin/cyanine-5 tandem conjugate; Autofluorescence (Lohmeyer, J. (172) 59)

Anti-neutrophil cytoplasmic autoantibody; Intracytoplasmic immunofluorescence (Yang, Y.H. (172) 77)

Calcium influx; Fluo-3; T cell hybrid; Sulfinpyrazone (Baus, E. (173) 41)

IFN-γ; T lymphocyte; Lymphocytic choriomeningitis virus (Vikingsson, A. (173) 219)

Monocyte; Macrophage; Dendritic cell; Differentiation; Intracellular antigen; (Equine) (Steinbach, F. (174) 109)

Bacterial phagocytosis; Spectrofluorimetry; Macrophage; Phagocyte (Plasman, N. (174) 195)

Basophil; Electron microscopy; FcεRI; Histamine; Purification (Kepley, C. (175) 1)

Feline lymphocyte; T and B cell discrimination; *Pisum sativum* agglutinin (Whitehurst, C.E. (175) 189)

B lymphocytic cell line; T lymphocytic cell line; LDL receptor (Yen, C.F. (177) 55)

Natural killer cell; Lymphokine-activated killer; Cell-mediated lympholysis; Cytotoxicity; Fluorescence (Papadopoulos, N.G. (177) 101)

Cytotoxicity; Kinetics; Cytotoxic T lymphocyte; Natural killer cell (Karawajew, L. (177) 119)

Lymphocyte subset; Escapee (Prince, H.E. (177) 165)

Flow cytometry of DNA content
Apoptosis; Cell death; DNA fragmentation (Telford, W.G. (172) 1)

Fluo-3
Calcium influx; Flow cytometry; T cell hybrid; Sulfinpyrazone (Baus, E. (173) 41)

Fluorescein
Monoclonal antibody; Immunoprecipitation; Immunoblot; Cell labeling (Balogh, P. (169) 35)

Fluorescence
Purification; Monoclonal antibody; Microassay; *o*-Phthaldehyde (Li, X. (172) 141)

Carcinogen; Lung cancer; Macrophage; Smoking; Tobacco (Streck, R.J. (174) 67)

Natural killer cell; Lymphokine-activated killer; Cell-mediated lympholysis; Cytotoxicity; Flow cytometry (Papadopoulos, N.G. (177) 101)

Fluorescence assay
Propidium iodide; Double-stranded nucleic acids quantitation; Microplate fluorometer (Wan, C.P. (173) 265)

Liposome immune lysis assay; Model archaebacterial lipid; Small unilamellar liposome (Tomioka, K. (176) 1)

Fluorescent antibody technique
Mast cell; Leukemia, mast cell; IgE; Receptor, IgE; Fluorometry; (Rat) (Chen, X.-J. (177) 139)

Fluorescent dye
Antibody-toxin conjugate; 2′,7′-bis-(2-Carboxyethyl)-5(6)-carboxyfluorescein; Cytotoxicity; Dye exclusion; Immunotoxin; Proliferation of cells; Ricin; Toxicity; Trypan blue; Viability (Sellers, J.R. (172) 255)

Fluorochrome
Flow cytometer; Adhesion; Lymphocyte proliferation; Superoxide; Chemotaxis (De Clerck, L.S. (172) 115)

Fluorometric metabolic indicator
Tumor necrosis factor; Bioassay; Colorimetric metabolic indicator (Shahan, T.A. (175) 181)

Fluorometric microassay
Acetoxymethyl ester of calcein; T cell cytotoxicity assay; Lymphokine activated killer assay (Lichtenfels, R. (172) 227)

Fluorometry
Polymorphonuclear leukocyte; Adherence; Leukocyte-integrin (Van Kessel, K.P.M. (172) 25)

Mast cell; Leukemia, mast cell; IgE; Receptor, IgE; Fluorescent antibody technique; (Rat) (Chen, X.-J. (177) 139)

Foot-and-mouth disease virus
Monoclonal antibody; Chemiluminescence; Dot-immunobinding assay; Hog cholera virus (Bakkali, L. (170) 177)

Fourier transform infrared spectroscopy
Non-isotopic immunoassay; Metal carbonyl tracer; Cortisol; Steroid; Cobalt carbonyl complex (Philomin, V. (171) 201)

Fractional factorial design
ELISA; Optimization (Reiken, S.R. (177) 199)

Function of macrophages
Macrophage; Depletion of macrophages; Liposome; Dichloromethylene-bisphosphonate (Cl_2MBP, or clodronate) (Van Rooijen, N. (174) 83)

Fusion protein
Receptor; Binding protein; Chimeric protein; IgG (Poltorak, A. (169) 93)

Pregnancy-specific glycoprotein; Domain-specific antibody; RGD sequence (Tschentscher, P. (170) 247)

Immunization; ELISA (Hey, A.W. (173) 149)

Major histocompatibility complex I; Antigenic peptide; Cytolytic T cell; Mouse mammary tumor virus (Gill, R.F. (176) 245)

Fv
Antibody DNA; Polymerase chain reaction; Antibody expression; Single chain (Dübel, S. (175) 89)

Fv antibody fragment
Polymerase chain reaction; Peptide motif (Berry, M.J. (167) 173)

G

G_{M2}
Class switch; Ganglioside; Monoclonal antibody (Shitara, K. (169) 83)

β-Galactosidase
V(D)J recombination; Recombinase activity; scid (Bühler, B. (175) 259)

β-D-Galactosidase
Enzyme labeling; Enzyme immunoassay; HIV-1; Reverse transcriptase; AIDS (Hashinaka, K. (172) 179)

***Galanthus nivalis* agglutinin**
HIV-1 gp120; ELISA; Soluble CD4; Inhibition (Hinkula, J. (175) 37)

Ganglioside
Chimeric antibody; cDNA expression (Shitara, K. (167) 271)

Class switch; G_{M2}; Monoclonal antibody (Shitara, K. (169) 83)

Antiganglioside antibody; ELISA; Tween 20 (Ravindranath, M.H. (169) 257)

Gating
Multiparameter flow cytometry; CD45; Bone marrow; Biopsy (Festin, R. (177) 215)

Gel filtration
Monoclonal antibody, natural human polyreactive; Fermentation; Large scale purification; Chromatography, hydrophobic interaction; CHAPS; Reaction pattern; Binding constant; Fab fragment (Roggenbuck, D. (167) 207)

Gel shift assay
Systemic lupus erythematosus; Anti-DNA autoantibody; Equilibrium dissociation constant (Stevens, S.Y. (177) 185)

Gene expression
Riboprobe; RNA transcript; Insulin-like growth factor; Macrophage (Biragyn, A. (168) 235)

B cell deficiency; Cluster determinant; Flow cytometry; Reverse transcriptase polymerase chain reaction (James-Yarish, M. (169) 73)

Cytokine, rat; Polymerase chain reaction; Competitor control fragment (Siegling, A. (177) 23)

Gene gun
Allogeneic; Cytotoxic T lymphocyte; DNA; Genetic immunization (Hui, K.M. (171) 147)

Genetic immunization; Influenza nuclear protein; Cytotoxic T lymphocyte; Plasmid DNA; (Antibody) (Vahlsing, H.L. (175) 11)

Gene replacement
Homologous recombination; Antibody engineering; Immunoglobulin expression; Hybridoma (Baker, M.D. (168) 25)

Genetic immunization
Allogeneic; Cytotoxic T lymphocyte; DNA; Gene gun (Hui, K.M. (171) 147)

Influenza nuclear protein; Cytotoxic T lymphocyte; Plasmid DNA; Gene gun; (Antibody) (Vahlsing, H.L. (175) 11)

Gentamicin
Liposome immunoassay; Liposome; Phospholipase C; Calcein; Gentamicin-phospholipase C conjugate (Kim, C.-K. (170) 225)

Gentamicin-phospholipase C conjugate
Liposome immunoassay; Liposome; Phospholipase C; Gentamicin; Calcein (Kim, C.-K. (170) 225)

Glycophorin A
DNA; Expression; *Escherichia coli*; Single chain; Erythrocyte; Immunoglobulin; HIV; (Antibody) (Lilley, G.G. (171) 211)

Glycosylation
Protein engineering; Complement C9; Polymerase chain reaction (Taylor, K.M. (167) 129)

Gradient
Collagen gel; Chemotaxis; Diffusion coefficient; Visual assay; Polymorphonuclear leukocyte (Haddox, J.L. (171) 1)

Graft versus host disease
Severe combined immunodeficient mouse; Natural killer cell; Xenogeneic (Shpitz, B. (169) 1)

Granulated metrial gland cell
Monoclonal antibody; Cell lineage; (Mouse) (Stewart, I.J. (172) 125)

Granulocyte
Cell separation; Percoll gradient; Superoxide production; Rat strain (Szücs, S. (167) 245)

Monoclonal antibody; Intestine; Mast cell; Monocyte; Macrophage; Surface antigen; (Pig) (Haverson, K. (170) 233)

Griess reagent
Macrophage; Reactive oxygen intermediate; Reactive nitrogen intermediate; Chemiluminescence (Boudard, F. (174) 259)

H

H-2
Lactate dehydrogenase; Class I MHC; Peptide binding; Surface antigen; Enzyme immunoassay; Cell panning (Sigal, L.J. (177) 261)

***Haemophilus influenzae* type b**
Capsular polysaccharide; Polyribosylribitolphosphate; Monoclonal antibody; In vitro immunization; Oxidative burst (Bunse, R. (177) 89)

Halogenated alcohol
Monoclonal antibody; Recognition; Circular dichroism; Conformation; ELISA (Lang, E. (170) 103)

Hapten
Monoclonal antibody; Affinity; Association constant (Chappey, O. (172) 219)

LTC4; Enzyme immunometric assay; Monoclonal antibody; Acetylcholinesterase (Volland, H. (175) 97)

Hapten-protein conjugate
N-(*m*-Aminobenzoyloxy)succinimide; Thyrotropin-releasing hormone; ELISA; Immunocytochemistry (Fujiwara, K. (175) 123)

HBsAg
Immunoprecipitation; ELISA plate; Protein A (Von Brunn, A. (169) 135)

Heat-stable enterotoxin
ELISA; Enterotoxigenic *Escherichia coli*; Avidin-biotin interaction (De Roquigny, Y.G.H. (173) 1)

Helminthiasis
DNA recombinant; Monoclonal antibody; Anti-β-galactosidase; Immunodiagnosis (Sugane, K. (168) 55)

Helper T lymphocyte
Limiting dilution analysis; IL-2; Radioresistance (Schanz, U. (169) 221)

Hematoxylin
Cell adhesion molecule; Cell blotting; Lithium dodecyl sulfate; Polyacrylamide gel electrophoresis; Polyvinylidene difluoride membrane; Propidium iodide (Seshi, B. (176) 185)

Hemolysin
ELISA; ABO, human blood group system; Anti-A antibody, human; C1q; Complement (Von Allmen, E. (171) 85)

Hepatitis C
Cryoglobulin; IgG; IgM; Immunoglobulin; Microsequencing; Monoclonal; Polyclonal; Two-dimensional polyacrylamide gel electrophoresis (Tissot, J.-D. (173) 63)

Hepatoma cell
IL-6; Reporter gene; Transfection; Acute phase response (Gregory, B. (170) 47)

ELISA; Filter hybridization; Acute phase protein; IL-6; Dexamethasone (Boe, A. (171) 157)

Herbicide
Piezoelectric sensor; Affinity constant; Monoclonal antibody (Skládal, P. (176) 117)

Hereditary angioedema
C1 inhibitor; Chromogenic compound; (Cold) (Nielsen, E.W. (173) 245)

α2-Heremans Schmid glycoprotein
Fetuin; Acute phase protein; ELISA (Akhoundi, C. (172) 189)

High sensitivity agglutination test
Latex agglutination test; Ultrasonic standing wave field; Tubular transducer; *Escherichia coli* 0157; C-reactive protein (Grundy, M.A. (176) 169)

Histamine
Monoclonal antibody, recombinant humanized anti-human IgE; Monoclonal anti-IgE antibody, humanized; FcϵRI; Ragweed; Basophil; Immunotherapy; Allergy (Fei, D.T.W. (171) 189)

Basophil; Flow cytometry; Electron microscopy; FcϵRI; Purification (Kepley, C. (175) 1)

HIV
Lymphocyte immunophenotyping; Whole blood; Sample preparation; Flow cytometry; AIDS (Tamul, K.R. (167) 237)

DNA; Expression; *Escherichia coli*; Single chain; Glycophorin A; Erythrocyte; Immunoglobulin; (Antibody) (Lilley, G.G. (171) 211)

ELISA; AIDS; 2′,3′-Didehydro-2′,3′-dideoxythymidine; Chromatography, high pressure liquid (Ferrua, B. (176) 103)

HIV-1
Enzyme labeling; Enzyme immunoassay; β-D-Galactosidase; Reverse transcriptase; AIDS (Hashinaka, K. (172) 179)

Red cell agglutination; Tri-*n*-butylphosphine; Bromoacetyl peptide; (Antibody) (Wilson, K.M. (175) 267)

Monoclonal antibody; Biosensor assay; Virology; ELISA (Richalet-Sécordel, P.M. (176) 221)

HIV aspartyl protease
Monoclonal antibody, anti-hapten; Protease inhibitor (Hanin, V. (173) 139)

HIV disease
Lymphocyte immunophenotyping; Technology assessment; CD4 T lymphocyte; Absolute CD4 T lymphocyte (Nicholson, J.K.A. (177) 43)

HIV-1 envelope glycoprotein
In vitro immunization; Multimeric synthetic peptide; Neutralizing human monoclonal antibody (Fraisier, C. (176) 9)

HIV-1 gp120
Galanthus nivalis agglutinin; ELISA; Soluble CD4; Inhibition (Hinkula, J. (175) 37)

HLA
T cell clone; Alloreactivity; Transfected murine fibroblast (Warrens, A.N. (169) 25)

HLA-DRB3 subtyping
Temperature-gradient gel electrophoresis; Leukocyte antigen, human; Melting behavior; Polymerase chain reaction (Chen, M. (168) 257)

Hoechst 33258
Mycoplasma; Cell culture; Contamination; Merocyanine 540; Photoinactivation (Tarshis, M. (168) 245)

Hog cholera virus
Monoclonal antibody; Chemiluminescence; Dot-immunobinding assay; Foot-and-mouth disease virus (Bakkali, L. (170) 177)

Homologous recombination
Gene replacement; Antibody engineering; Immunoglobulin expression; Hybridoma (Baker, M.D. (168) 25)

Horseradish peroxidase
Dual immunohistochemical labeling; Immunogold-silver (Gibson, C.E. (167) 65)

Human blood monocyte
Leukapheresis; Elutriation; Adoptive cellular immunotherapy (Faradji, A. (174) 297)

Human chorionic gonadotropin
Immunofluorometric assay; Biotin; Streptavidin (Stenman, J. (175) 161)

Human lung mast cell
Cell separation; YB5.B8; *c-kit* Receptor; Stem cell factor (Okayama, Y. (169) 153)

Human T cell leukemia virus type I
Ion-sensitive field effect transistor; Polymerase chain reaction; ELISA (Tsuruta, H. (176) 45)

Hybrid hybridoma
Bispecific antibody; Molecular hybridization; Non-radioactive probe (Auriol, J. (169) 123)

Hybridoma
Culture medium; Serum-free culture; Monoclonal antibody (Chua, F. (167) 109)

Gene replacement; Homologous recombination; Antibody engineering; Immunoglobulin expression (Baker, M.D. (168) 25)

Alginate encapsulation; Cytokine transfected cell line (Savelkoul, H.F.J. (170) 185)

Conditioned medium; Feeder layer; Chronic lymphocytic leukemia; Cloning efficiency (Quinlan, N. (171) 253)

Monoclonal antibody; Anti-D specificity; Peripheral B lymphocyte; CD40 system; (Human) (Thompson, J.M. (175) 137)

Monoclonal antibody; Packed-bed bioreactor; Dowstream processing; Serum-free medium; Perfusion system (Moro, A.M. (176) 67)

Hybridoma culture
Bovine colostrum; Monoclonal antibody production; IgG/IgA hybridoma cell lines; Serum-free medium (Pakkanen, R. (169) 63)

Hybridoma, human
Blasticidin S; Parental B cell line; Cell fusion (Kudo, T. (177) 17)

Hybridoma screening
Floating section; Immunocytochemistry (Berghman, L.R. (168) 197)

Hydrogen peroxide
Electrochemical thyrotropin immunoassay; Enzyme amplification; Amperometric detection; Nicotinamide cofactor recycling; Thermostable, pH insensitive NADH oxidase (Athey, D. (176) 153)

***Hymenoptera* venom hypersensitivity**
Ubiquitin; Radioimmunoassay; Schistosomiasis; Desensitization (Asseman, C. (173) 93)

Hypothalamus
Immunoradiometric assay; Chemiluminescence; Immunoassay; Radioimmunoassay; Somatotropin-releasing hormone; Avidin; Biotin (Leidy, Jr., J.W. (172) 197)

β_2-glycoprotein I
Anti-phospholipid antibody; Anti-cardiolipin antibody; Immunostaining, thin layer chromatography (Sorice, M. (173) 49)

Anticardiolipin antibody; Tween 20; ELISA (Cabral, A.R. (175) 107)

I

IFN-α
IFN-β; Interferon antagonist; Interferon inhibitor; Interferon antibody; Daudi cell line (Prümmer, O. (171) 45)

IFN-β
IFN-α; Interferon antagonist; Interferon inhibitor; Interferon antibody; Daudi cell line (Prümmer, O. (171) 45)

IFN-γ
T lymphocyte; Lymphocytic choriomeningitis virus; Flow cytometry (Vikingsson, A. (173) 219)

Limiting dilution analysis; Cytokine; IL-4; Immediate hypersensitivity (Li, Y. (175) 169)

Quantification of cytokines; Image analysis; Superantigen; Pooled human IgG for intravenous use (Björk, L. (175) 201)

Whole blood; T cell; Leprosy; Epidemiology (Weir, R.E. (176) 93)

IFN-γ bioassay
Kynurenine; Indoleamine 2,3-dioxygenase (Däubener, W. (168) 39)

IgE
ELISA; Electrophoretic separation; Allergen; Nitrocellulose (Guérin-Marchand, C. (167) 219)

Solid support; Surface modification; Allergy; Immune assay; Manifold support (Kwiatkowski, M. (168) 137)

Reverse enzyme allergosorbent test inhibition; Radio-allergosorbent test inhibition; Allergen; Allergenic potency (Falagiani, P. (173) 181)

Mast cell; Leukemia, mast cell; Receptor, IgE; Fluorometry; Fluorescent antibody technique; (Rat) (Chen, X.-J. (177) 139)

IgG
Receptor; Binding protein; Fusion protein; Chimeric protein (Poltorak, A. (169) 93)

Cryoglobulin; Hepatitis C; IgM; Immunoglobulin; Microsequencing; Monoclonal; Polyclonal; Two-dimensional polyacrylamide gel electrophoresis (Tissot, J.-D. (173) 63)

Fc receptor; Polymerase chain reaction; Polymorphism; Allele-specific hybridization; FcγRII; Allotype (Osborne, J.M. (173) 207)

Biosensor; Immunosensor; Surface plasmon resonance; (Antibody) (Geddes, N.J. (175) 149)

IgG antibody
Streptococcus agalactiae; Antibody avidity; Enzyme immunoassay (Feldman, R.G. (170) 37)

IgG / IgA hybridoma cell lines
Bovine colostrum; Hybridoma culture; Monoclonal antibody production; Serum-free medium (Pakkanen, R. (169) 63)

IgM
ELISA; $F(ab')_2$ fragment; $F(ab')_{2\mu}$ fragment; Chromatography, high performance liquid; IL-6; Monoclonal antibody (Inouye, K. (171) 239)

Cryoglobulin; Hepatitis C; IgG; Immunoglobulin; Microsequencing; Monoclonal; Polyclonal; Two-dimensional polyacrylamide gel electrophoresis (Tissot, J.-D. (173) 63)

IL-1
IL-2 production; T cell, immature human (Kees, U.R. (168) 1)

IL-2
Riboprobes; Polymerase chain reaction; Digoxigenin; Cytokine (Birk, P.E. (167) 83)

Ovarian adenocarcinoma; Tumor-infiltrating lymphocytes; Large scale expansion (Freedman, R.S. (167) 145)

Immunobioassay; IL-1α; Monoclonal antibody (Nadeau, R.W. (168) 9)

Interleukin production; Dialysis tubing; IL-4; Myeloma cell (Sjögren-Jansson, E. (168) 131)

Helper T lymphocyte; Limiting dilution analysis; Radioresistance (Schanz, U. (169) 221)

Natural killer cell; Rigidity (Melder, R.J. (175) 69)

T lymphocyte; Proliferation; Serum-free medium; Mitogen; Superantigen; Anti-CD3 (Causey, A.L. (175) 115)

In situ transcription; Thermostable DNA polymerase (Chang, H. (176) 235)

IL-4
mRNA; Non-isotopic in situ hybridization; Archival material (Bromley, L. (167) 47)

Interleukin production; Dialysis tubing; IL-2; Myeloma cell (Sjögren-Jansson, E. (168) 131)

Limiting dilution analysis; Cytokine; IFN-γ; Immediate hypersensitivity (Li, Y. (175) 169)

IL-6
Soluble cytokine receptor; Enzyme immunoassay (Montero-Julian, F.A. (169) 111)

Reporter gene; Transfection; Hepatoma cell; Acute phase response (Gregory, B. (170) 47)

ELISA; Filter hybridization; Acute phase protein; Hepatoma cell; Dexamethasone (Boe, A. (171) 157)

ELISA; $F(ab')_2$ fragment; $F(ab')_{2\mu}$ fragment; Chromatography, high performance liquid; IgM; Monoclonal antibody (Inouye, K. (171) 239)

IL-11; Cytokine (Lu, Z.-Y. (173) 19)

IL-11
IL-6; Cytokine (Lu, Z.-Y. (173) 19)

IL-1α
Immunobioassay; IL-2; Monoclonal antibody (Nadeau, R.W. (168) 9)

IL-1 receptor antagonist
Acridinium ester; Synovial fluid; Rheumatoid arthritis; Monoclonal antibody (Towbin, H. (170) 125)

IL-2 production
IL-1; T cell, immature human (Kees, U.R. (168) 1)

IL-6 receptor, soluble
B9 assay; Specificity (Diamant, M. (173) 229)

IL-10, human
Bioassay; Mast cell line (Schlaak, J.F. (168) 49)

Image analysis
Quantification of cytokines; IFN-γ; Superantigen; Pooled human IgG for intravenous use (Björk, L. (175) 201)

Immediate hypersensitivity
Limiting dilution analysis; Cytokine; IL-4; IFN-γ (Li, Y. (175) 169)

Immobilized antibody
Cellular interaction; Lymphokine; T cell subset; Activation (Karawajew, L. (173) 27)

Immortalization
Macrophage; Cell line; Transformation (Walker, W.S. (174) 25)

Murine macrophage; SV40 (Kreuzburg-Duffy, U.C.K. (174) 33)

Immune assay
Solid support; Surface modification; Allergy; Manifold support; IgE (Kwiatkowski, M. (168) 137)

Immune complex
Soluble Fcγ receptor; Dot-immunobinding assay (Kristoffersen, E.K. (167) 15)

Complement receptor 1; Decay accelerating factor; Erythrocyte (Jones, D.R.E. (177) 235)

Immunization
Fusion protein; ELISA (Hey, A.W. (173) 149)

Chicken egg yolk; Immunoglobulin extraction; Caprylic acid; α-Lactalbumin, ovine (McLaren, R.D. (177) 175)

Immunoassay
Autoantibody; Dot-blot; Screening; (Method) (Baslund, B. (169) 183)

Bispecific antibody; Enhanced affinity; Enhanced binding (Cook, A.G. (171) 227)

Immunoradiometric assay; Chemiluminescence; Radioimmunoassay; Somatotropin-releasing hormone; Avidin; Biotin; Hypothalamus (Leidy, Jr., J.W. (172) 197)

Logistic model; Cross-reactivity (Jones, G. (177) 1)

Amplification; NADP; Tuberculosis; ELISA (Vera-Cabrera, L. (177) 69)

Tumor necrosis factor; Tumor necrosis factor receptor; Biosensor; Bioassay; Monoclonal antibody (Corti, A. (177) 191)

Immunobioassay
IL-1α; IL-2; Monoclonal antibody (Nadeau, R.W. (168) 9)

Immunoblot
Fluorescein; Monoclonal antibody; Immunoprecipitation; Cell labeling (Balogh, P. (169) 35)

Anti-neutrophil cytoplasm antibody; Monoclonal antibody; Myeloperoxidase; Lactoferrin; ELISA (Audrain, M.A.P. (176) 23)

Immunoblotting
Pasteurella haemolytica; Outer membrane protein; Lipopolysaccharide (Davies, R.L. (167) 35)

Immunocytochemistry
Hybridoma screening; Floating section (Berghman, L.R. (168) 197)

Monoclonal antibody EG2; Activated eosinophil; Immunohistochemistry (Jahnsen, F.L. (175) 23)

N-(*m*-Aminobenzoyloxy)succinimide; Hapten-protein conjugate; Thyrotropin-releasing hormone; ELISA (Fujiwara, K. (175) 123)

Immunodiagnosis
Helminthiasis; DNA recombinant; Monoclonal antibody; Anti-β-galactosidase (Sugane, K. (168) 55)

Immuno-effector function
Macrophage; Infection site; Dendritic cell; (Antigen) (Betjes, M.G.H. (174) 215)

Immunofluorescence
Activin; Synthetic peptide; Polyclonal antibody; Embryonic stem cell; Blastocyst (Paulusma, C.C. (169) 143)

Eosinophil; Differential interference contrast (Jahnsen, F.L. (173) 77)

Antibody; Cross-reaction; Auto-antibody (Chan, E.K.L. (176) 271)

Immunofluorometric assay
Human chorionic gonadotropin; Biotin; Streptavidin (Stenman, J. (175) 161)

Immunogenicity
Synthetic peptide; Epitope density; Iscom; Chemical conjugation; Peptide vaccine (Lövgren, K. (173) 237)

Immunoglobulin
Monoclonal antibody; p21; ras; Cross-reactivity; Serum albumin (Xiang, Z. (168) 275)

DNA; Expression; *Escherichia coli*; Single chain; Glycophorin A; Erythrocyte; HIV; (Antibody) (Lilley, G.G. (171) 211)

Cryoglobulin; Hepatitis C; IgG; IgM; Microsequencing; Monoclonal; Polyclonal; Two-dimensional polyacrylamide gel electrophoresis (Tissot, J.-D. (173) 63)

Immunoglobulin expression
Gene replacement; Homologous recombination; Antibody engineering; Hybridoma (Baker, M.D. (168) 25)

Immunoglobulin extraction
Chicken egg yolk; Caprylic acid; α-Lactalbumin, ovine; Immunization (McLaren, R.D. (177) 175)

Immunoglobulin variable region
Polymerase chain reaction; Rapid amplification of cDNA ends; Cloning (Ruberti, F. (173) 33)

Immunogold-silver
Dual immunohistochemical labeling; Horseradish peroxidase (Gibson, C.E. (167) 65)

Immunohistochemistry
Monoclonal antibody EG2; Activated eosinophil; Immunocytochemistry (Jahnsen, F.L. (175) 23)

Cytokine; Kinetics; *Staphylococcus* enterotoxin B; Reverse transcription-polymerase chain reaction (Litton, M.J. (175) 47)

Immunohistology
Monocyte; Macrophage (Plenat, F. (174) 133)

Immunomodulation
Aerosol; Propellant; Protein; (Lung); (Respiratory) (Brown, A.R. (176) 203)

Immunophenotype
Lymphocyte division; Flow cytometry; 5-(and -6)-Carboxyfluorescein diacetate succinimidyl ester (Lyons, A.B. (171) 131)

Immunophenotyping
Kupffer cell isolation; Ultrastructural analysis (Heuff, G. (174) 61)

Immunoprecipitation
Surface protein biotinylation; Non-radioactive labelling (Kähne, T. (168) 209)

Fluorescein; Monoclonal antibody; Immunoblot; Cell labeling (Balogh, P. (169) 35)

ELISA plate; HBsAg; Protein A (Von Brunn, A. (169) 135)

Phosphorylation; Phosphatases; Phosphatase inhibitor (Papavassiliou, A.G. (170) 67)

DNA; DNA binding protein; (Antibody) (Weitzmann, M.N. (173) 7)

Immunoradiometric assay
Chemiluminescence; Immunoassay; Radioimmunoassay; Somatotropin-releasing hormone; Avidin; Biotin; Hypothalamus (Leidy, Jr., J.W. (172) 197)

Immunoreactivity
Monoclonal antibody, radiolabeled; Affinity column; Radioimmunotherapy (Jagoda, E.M. (173) 191)

Immunosensor
Biosensor; Surface plasmon resonance; IgG; (Antibody) (Geddes, N.J. (175) 149)

Immunostaining, thin layer chromatography
Anti-phospholipid antibody; Anti-cardiolipin antibody; β_2-glycoprotein I (Sorice, M. (173) 49)

Immunotherapy
Monoclonal antibody, recombinant humanized anti-human IgE; Monoclonal anti-IgE antibody, humanized; FcϵRI; Ragweed; Histamine; Basophil; Allergy (Fei, D.T.W. (171) 189)

Immunotoxin
Antibody-toxin conjugate; 2',7'-bis-(2-Carboxyethyl)-5(6)-carboxyfluorescein; Cytotoxicity; Dye exclusion; Fluorescent dye; Proliferation of cells; Ricin; Toxicity; Trypan blue; Viability (Sellers, J.R. (172) 255)

Indoleamine 2,3-dioxygenase
IFN-γ bioassay; Kynurenine (Däubener, W. (168) 39)

Infection
Antibody secreting cell; Antigen detection; Parasite antigen (Meeusen, E.N.T. (172) 71)

Infection site
Macrophage; Immuno-effector function; Dendritic cell; (Antigen) (Betjes, M.G.H. (174) 215)

Influenza nuclear protein
Genetic immunization; Cytotoxic T lymphocyte; Plasmid DNA; Gene gun; (Antibody) (Vahlsing, H.L. (175) 11)

Inhibition
Electroporation; Microinjection; Monoclonal antibody; Protein transfer; Cell cycle (Lukas, J. (170) 255)

Galanthus nivalis agglutinin; HIV-1 gp120; ELISA; Soluble CD4 (Hinkula, J. (175) 37)

In situ hybridization
Fcγ receptor; mRNA; Platelet; Megakaryoblast (Markovic, B. (172) 105)

Monocyte; Macrophage; Messenger RNA (Vignaud, J.M. (174) 281)

In situ model
Pneumocystis carinii adhesion; Lectin; Lung alveolar cell (Pavia-Ruz, N. (167) 161)

In situ transcription
Thermostable DNA polymerase; IL-2 (Chang, H. (176) 235)

Instability
Flow cytometry; Monoclonal antibody, human; Productivity (Ohlin, M. (170) 75)

Insulin antibody
Mono-^{125}I-(Tyr A_{14})-human insulin; Mono-^{125}I-(Tyr A_{19})-human insulin; Insulin autoantibody; Radiobinding assay; ELISA (Del Rosario Stumpo, R. (169) 241)

Insulin autoantibody
Mono-^{125}I-(Tyr A_{14})-human insulin; Mono-^{125}I-(Tyr A_{19})-human insulin; Insulin antibody; Radiobinding assay; ELISA (Del Rosario Stumpo, R. (169) 241)

Insulin-like growth factor
Riboprobe; Gene expression; RNA transcript; Macrophage (Biragyn, A. (168) 235)

Intercellular adhesion molecule-1
Endothelial cell; E-selectin; Vascular cell adhesion molecule-1; Polymerase chain reaction (Meagher, L. (175) 237)

Eosinophil; Neutrophil; Adhesion; E-selectin; Vascular cell adhesion molecule (Håkansson, L. (176) 53)

Interferon
Chemiluminescent immunoassay; Mx protein (Oh, S.-K. (176) 79)

Interferon antagonist
IFN-α; IFN-β; Interferon inhibitor; Interferon antibody; Daudi cell line (Prümmer, O. (171) 45)

Interferon antibody
IFN-α; IFN-β; Interferon antagonist; Interferon inhibitor; Daudi cell line (Prümmer, O. (171) 45)

Interferon inhibitor
IFN-α; IFN-β; Interferon antagonist; Interferon antibody; Daudi cell line (Prümmer, O. (171) 45)

Interleukin
Chemotaxis; Chemokine; Monocyte chemotactic protein (Wuyts, A. (174) 237)

Interleukin, human
ELISA; Leukemia inhibitory factor; Monoclonal antibody (De Groote, D. (167) 253)

Interleukin production
Dialysis tubing; IL-2; IL-4; Myeloma cell (Sjögren-Jansson, E. (168) 131)

Intestine
Monoclonal antibody; Mast cell; Granulocyte; Monocyte; Macrophage; Surface antigen; (Pig) (Haverson, K. (170) 233)

Intracellular antigen
Monocyte; Macrophage; Dendritic cell; Differentiation; Flow cytometry; (Equine) (Steinbach, F. (174) 109)

Intracellular immunofluorescence
Cytokine; Flow cytometry (McIntyre, C.A. (169) 213)

Intracellular killing
Microorganism; Oxygen-dependent mechanism; Oxygen-independent mechanism; Reactive oxygen intermediate; Reactive nitrogen intermediate; Antimicrobial protein (Langermans, J.A.M. (174) 185)

Intracytoplasmic immunofluorescence
Flow cytometry; Anti-neutrophil cytoplasmic autoantibody (Yang, Y.H. (172) 77)

Intraperitoneal injection
Anaphylaxis; Intravenous injection; Route of injection; Subplantar route (Levine, S. (173) 203)

Intravenous injection
Anaphylaxis; Intraperitoneal injection; Route of injection; Subplantar route (Levine, S. (173) 203)

Intrinsic
Macrophage; Kupffer; Extrinsic; Antiviral activity (Keller, F. (174) 167)

Invasion
Urokinase receptor; Plasminogen activator; ELISA; Extracellular matrix (Rønne, E. (167) 91)

In vitro immunization
Multimeric synthetic peptide; Neutralizing human monoclonal antibody; HIV-1 envelope glycoprotein (Fraisier, C. (176) 9)

Haemophilus influenzae type b; Capsular polysaccharide; Polyribosylribitolphosphate; Monoclonal antibody; Oxidative burst (Bunse, R. (177) 89)

In vivo peptide priming
Cytolytic T lymphocyte; Photoaffinity labeling; Major histocompatibility complex class I; Peptide binding (Romero, P. (171) 73)

In vivo stability
Monoclonal antibody, human; SCID mouse model (Bazin, R. (172) 209)

Ion-sensitive field effect transistor
Polymerase chain reaction; ELISA; Human T cell leukemia virus type I (Tsuruta, H. (176) 45)

Irradiation of endothelial cells
Endothelial cell-specific protein; ELISA; Chemiluminescence assay (Wang, J.M. (171) 55)

Irritant
Langerhans cell; Endocytotic activation; Contact allergen (Becker, D. (169) 195)

Iscom
Synthetic peptide; Epitope density; Immunogenicity; Chemical conjugation; Peptide vaccine (Lövgren, K. (173) 237)

Isolation
α_2 Macroglobulin; Cytokine; Complex (Cunningham, A.J. (169) 287)

hsp 70 kDa heat shock protein family; Parasite; Mammalian cell (Nandan, D. (176) 255)

J

Jurkat cell line
Vascular cell adhesion molecule-1; Very late activation antigen; Baculovirus expression system; Adhesion assay; Calcein acetoxymethyl ester (Stoltenborg, J.K. (175) 59)

K

Kinetics
Major histocompatibility complex class II molecule; Peptide binding; Protease inhibitor (Liang, M.N. (173) 127)

Cytokine; *Staphylococcus* enterotoxin B; Immunohistochemistry; Reverse transcription-polymerase chain reaction (Litton, M.J. (175) 47)

Cytotoxicity; Cytotoxic T lymphocyte; Natural killer cell; Flow cytometry (Karawajew, L. (177) 119)

Kininogen
Chemiluminescence; Enzyme immunoassay; Rheumatic disease (Legris, F. (168) 111)

Ki-67 protein
ELISA; Cell proliferation; MIB 1 (Key, G. (177) 113)

Kupffer
Macrophage; Intrinsic; Extrinsic; Antiviral activity (Keller, F. (174) 167)

Kupffer cell isolation
Ultrastructural analysis; Immunophenotyping (Heuff, G. (174) 61)

Kynurenine
IFN-γ bioassay; Indoleamine 2,3-dioxygenase (Däubener, W. (168) 39)

L

Labeling
Acetyl-low density lipoprotein; Oxidized low density lipoprotein; Binding; Macrophage receptor; Lipoprotein (Gugliucci Creriche, A. (174) 103)

Positron emission tomography; Natural killer cell; Cytotoxicity (Melder, R.J. (175) 79)

α-Lactalbumin, ovine
Chicken egg yolk; Immunoglobulin extraction; Caprylic acid; Immunization (McLaren, R.D. (177) 175)

Lactate dehydrogenase
Class I MHC; H-2; Peptide binding; Surface antigen; Enzyme immunoassay; Cell panning (Sigal, L.J. (177) 261)

Lactoferrin
Neutrophil; Eosinophil; Low density; Dextran; CD11b; Preparative procedure (Berends, C. (167) 183)

Anti-neutrophil cytoplasm antibody; Monoclonal antibody; Myeloperoxidase; ELISA; Immunoblot (Audrain, M.A.P. (176) 23)

Laminarin
Phagocytosis, quantitative study of; Zymosan; α-Mannan; Cytochalasin B (Lombard, Y. (174) 155)

Langerhans cell
Endocytotic activation; Contact allergen; Irritant (Becker, D. (169) 195)

Lanthanide
Europium; Samarium; Electroporation; Cytotoxicity; Lymphokine-activated killer cell; Bystander lysis (Bohlen, H. (173) 55)

Large scale expansion
Ovarian adenocarcinoma; Tumor-infiltrating lymphocytes; IL-2 (Freedman, R.S. (167) 145)

Large scale purification
Monoclonal antibody, natural human polyreactive; Fermentation; Chromatography, hydrophobic interaction; Gel filtration; CHAPS; Reaction pattern; Binding constant; Fab fragment (Roggenbuck, D. (167) 207)

Latex agglutination test
High sensitivity agglutination test; Ultrasonic standing wave field; Tubular transducer; *Escherichia coli* 0157; C-reactive protein (Grundy, M.A. (176) 169)

LDL receptor
B lymphocytic cell line; T lymphocytic cell line; Flow cytometry (Yen, C.F. (177) 55)

Leakage
ELISA; Chromatography, immunoaffinity; Monoclonal antibody (Beer, D.J. (173) 103)

Lectin
TCR complex; Wheat germ agglutinin; Sialic acid; Endoglycosidase H (Kearse, K.P. (167) 75)

Pneumocystis carinii adhesion; In situ model; Lung alveolar cell (Pavia-Ruz, N. (167) 161)

Carrageenan; C type; Mouse macrophage galactose/*N*-acetylgalactosamine-specific C type lectin; Macrophage; ELISA (Imai, Y. (171) 23)

Leprosy
Whole blood; T cell; IFN-γ; Epidemiology (Weir, R.E. (176) 93)

Leucine enkephalin
Monoclonal antibody; Anti-immunoglobulin; Anti-CD3 (Hendrickson, T.L. (172) 165)

Leukapheresis
Human blood monocyte; Elutriation; Adoptive cellular immunotherapy (Faradji, A. (174) 297)

Leukemia cell
Polymerase chain reaction; Ligation-mediated polymerase chain reaction; Restriction enzyme analysis; T cell receptor (Matsutani, T. (177) 9)

Leukemia inhibitory factor
ELISA; Interleukin, human; Monoclonal antibody (De Groote, D. (167) 253)

Leukemia, mast cell
Mast cell; IgE; Receptor, IgE; Fluorometry; Fluorescent antibody technique; (Rat) (Chen, X.-J. (177) 139)

Leukocyte adhesion
Endothelial cell; ELISA; Anti-inflammatory agent (Krakauer, T. (177) 207)

Leukocyte antigen, human
Temperature-gradient gel electrophoresis; HLA-DRB3 subtyping; Melting behavior; Polymerase chain reaction (Chen, M. (168) 257)

Leukocyte-integrin
Polymorphonuclear leukocyte; Adherence; Fluorometry (Van Kessel, K.P.M. (172) 25)

Life cell culture
Cytokine; Minitan concentration; Chromatography, affinity; Endotoxin (Savelkoul, H.F.J. (172) 33)

Ligation-mediated polymerase chain reaction
Polymerase chain reaction; Reverse dot blot hybridization; Sequence specific oligonucleotide; T cell receptor (Tsuruta, Y. (169) 17)

Polymerase chain reaction; Leukemia cell; Restriction enzyme analysis; T cell receptor (Matsutani, T. (177) 9)

Limiting dilution analysis
Helper T lymphocyte; IL-2; Radioresistance (Schanz, U. (169) 221)

Cytokine; IL-4; IFN-γ; Immediate hypersensitivity (Li, Y. (175) 169)

Limiting dilution assay
Single-hit Poisson model; Validity test (Bonnefoix, T. (167) 21)

Limiting dilution culture
Quantitative lymphocyte culture; Varicella zoster virus (Hayward, A.R. (170) 27)

Lipid A
Lipopolysaccharide; Trichloroacetic acid ([76-03-9]); Coating efficiency; ELISA (Hardy, E. (176) 111)

Lipocalin
Neutrophil, human; Radioimmunoassay (Xu, S.Y. (171) 245)

Lipoic acid
Natural antibody; ELISA; Covalent coupling (Legastelois, S. (171) 111)

Lipolysaccharide-binding protein
Flow cytometry; Radioimmunoassay; Lipopolysaccharide (Heumann, D. (171) 169)

Lipopeptide
Cytotoxic T lymphocyte; Synthetic vaccine; T cell epitope (Borges, E. (173) 253)

Lipopolysaccharide
Immunoblotting; *Pasteurella haemolytica*; Outer membrane protein (Davies, R.L. (167) 35)

Flow cytometry; Radioimmunoassay; Lipolysaccharide-binding protein (Heumann, D. (171) 169)

Lipid A; Trichloroacetic acid ([76-03-9]); Coating efficiency; ELISA (Hardy, E. (176) 111)

Lipoprotein
Acetyl-low density lipoprotein; Oxidized low density lipoprotein; Labeling; Binding; Macrophage receptor (Gugliucci Creriche, A. (174) 103)

Lipoprotein (a)
Apolipoprotein (a); Monoclonal antibody (Théolis, Jr., R. (172) 43)

Liposome
Liposome immunoassay; Phospholipase C; Gentamicin; Calcein; Gentamicin-phospholipase C conjugate (Kim, C.-K. (170) 225)

Macrophage; Function of macrophages; Depletion of macrophages; Dichloromethylene-bisphosphonate (Cl_2MBP, or clodronate) (Van Rooijen, N. (174) 83)

Liposome immune lysis assay
Model archaebacterial lipid; Small unilamellar liposome; Fluorescence assay (Tomioka, K. (176) 1)

Liposome immunoassay
Liposome; Phospholipase C; Gentamicin; Calcein; Gentamicin-phospholipase C conjugate (Kim, C.-K. (170) 225)

Lithium dodecyl sulfate
Cell adhesion molecule; Cell blotting; Hematoxylin; Polyacrylamide gel electrophoresis; Polyvinylidene difluoride membrane; Propidium iodide (Seshi, B. (176) 185)

Logistic model
Immunoassay; Cross-reactivity (Jones, G. (177) 1)

Low density
Neutrophil; Eosinophil; Dextran; CD11b; Lactoferrin; Preparative procedure (Berends, C. (167) 183)

LTC4
Enzyme immunometric assay; Monoclonal antibody; Acetylcholinesterase; Hapten (Volland, H. (175) 97)

Lung alveolar cell
Pneumocystis carinii adhesion; In situ model; Lectin (Pavia-Ruz, N. (167) 161)

Lung cancer
Carcinogen; Fluorescence; Macrophage; Smoking; Tobacco (Streck, R.J. (174) 67)

Lymphatic drainage
Pristane; Peritoneal cavity; Ascites; Reticuloendothelial system; (Mouse) (Moore, J.M. (173) 273)

Lymphocyte
Endothelium; Migration; Adhesion (Pryce, G. (167) 55)

Panning; Precursor hymocyte (Small, M. (167) 103)

Flow cytometry; Transcription; Transient gene expression (Mazda, O. (169) 53)

Adhesion assay; Weak adhesion (St. John, J.J. (170) 159)

Macrophage; Membrane antigen; Flow cytometric analysis (Plasman, N. (174) 123)

Lymphocyte division
Flow cytometry; Immunophenotype; 5-(and -6)-Carboxyfluorescein diacetate succinimidyl ester (Lyons, A.B. (171) 131)

Lymphocyte immunophenotyping
Whole blood; Sample preparation; Flow cytometry; HIV; AIDS (Tamul, K.R. (167) 237)

Technology assessment; CD4 T lymphocyte; Absolute CD4 T lymphocyte; HIV disease (Nicholson, J.K.A. (177) 43)

Lymphocyte proliferation
Non-radioactive; Alamar Blue; Thymidine incorporation (Ansar Ahmed, S. (170) 211)

Fluorochrome; Flow cytometer; Adhesion; Superoxide; Chemotaxis (De Clerck, L.S. (172) 115)

Lymphocyte subset
Flow cytometry; Escapee (Prince, H.E. (177) 165)

Lymphocytic choriomeningitis virus
IFN-γ; T lymphocyte; Flow cytometry (Vikingsson, A. (173) 219)

Lymphokine
Cellular interaction; T cell subset; Activation; Immobilized antibody (Karawajew, L. (173) 27)

Lymphokine-activated killer
Europium; Samarium; Lanthanide; Electroporation; Cytotoxicity; Bystander lysis (Bohlen, H. (173) 55)

Natural killer cell; Cell-mediated lympholysis; Cytotoxicity; Fluorescence; Flow cytometry (Papadopoulos, N.G. (177) 101)

Lymphokine-activated killer assay
Acetoxymethyl ester of calcein; Fluorometric microassay; T cell cytotoxicity assay (Lichtenfels, R. (172) 227)

Lymphotoxin
Baculovirus expression; Tumor necrosis factor; Soluble receptor (Crowe, P.D. (168) 79)

Lytic activity
Cytotoxicity assay; Tumor target cell; Cytolytic effector cell; Natural killer cell (Mariani, E. (172) 173)

M

M13
Monoclonal antibody; Filamentous phage fd; Recombinant protein technology; Antigen phage (Micheel, B. (171) 103)

α_2 Macroglobulin
Cytokine; ELISA (James, K. (168) 33)

Cytokine; Complex; Isolation (Cunningham, A.J. (169) 287)

Macrophage
Riboprobe; Gene expression; RNA transcript; Insulin-like growth factor (Biragyn, A. (168) 235)

Monoclonal antibody; Intestine; Mast cell; Granulocyte; Monocyte; Surface antigen; (Pig) (Haverson, K. (170) 233)

Carrageenan; Lectin; C type; Mouse macrophage galactose/*N*-acetylgalactosamine-specific C type lectin; ELISA (Imai, Y. (171) 23)

Cell line; Transformation; Immortalization (Walker, W.S. (174) 25)

Carcinogen; Fluorescence; Lung cancer; Smoking; Tobacco (Streck, R.J. (174) 67)

Function of macrophages; Depletion of macrophages; Liposome; Dichloromethylene-bisphosphonate (Cl_2MBP, or clodronate) (Van Rooijen, N. (174) 83)

Phagocytosis; Endocytosis; Adhesion; Monoclonal antibody; Rosetting; Macrophage mannose receptor; Macrophage scavenger receptor (Fraser, I. (174) 95)

Monocyte; Dendritic cell; Differentiation; Flow cytometry; Intracellular antigen; (Equine) (Steinbach, F. (174) 109)

Lymphocyte; Membrane antigen; Flow cytometric analysis (Plasman, N. (174) 123)

Immunohistology; Monocyte (Plenat, F. (174) 133)

Kupffer; Intrinsic; Extrinsic; Antiviral activity (Keller, F. (174) 167)

Bacterial phagocytosis; Spectrofluorimetry; Flow cytometry; Phagocyte (Plasman, N. (174) 195)

Alkaline phosphatase; Cytotoxic assay (Modolell, M. (174) 203)

Immuno-effector function; Infection site; Dendritic cell; (Antigen) (Betjes, M.G.H. (174) 215)

Arginase (Corraliza, I.M. (174) 231)

Reactive oxygen intermediate; Reactive nitrogen intermediate; Chemiluminescence; Griess reagent (Boudard, F. (174) 259)

In situ hybridization; Monocyte; Messenger RNA (Vignaud, J.M. (174) 281)

Macrophage mannose receptor
Macrophage; Phagocytosis; Endocytosis; Adhesion; Monoclonal antibody; Rosetting; Macrophage scavenger receptor (Fraser, I. (174) 95)

Macrophage receptor
Acetyl-low density lipoprotein; Oxidized low density lipoprotein; Labeling; Binding; Lipoprotein (Gugliucci Creriche, A. (174) 103)

Macrophage scavenger receptor
Macrophage; Phagocytosis; Endocytosis; Adhesion; Monoclonal antibody; Rosetting; Macrophage mannose receptor (Fraser, I. (174) 95)

Magnetic cell separation
Eosinophil; Purification; CD16 (Ide, M. (168) 187)

Mutation frequency; Class 1 MHC antigen; T lymphocyte; Magnetic cell sorting (Wixler, V. (171) 121)

Magnetic cell sorting
Mutation frequency; Magnetic cell separation; Class 1 MHC antigen; T lymphocyte (Wixler, V. (171) 121)

Major histocompatibility complex class I
Cytolytic T lymphocyte; In vivo peptide priming; Photoaffinity labeling; Peptide binding (Romero, P. (171) 73)

Antigenic peptide; Cytolytic T cell; Mouse mammary tumor virus; Fusion protein (Gill, R.F. (176) 245)

Major histocompatibility complex class II
Designer chimera; T cell development; Thymic organ culture (Merkenschlager, M. (171) 177)

Major histocompatibility complex class II molecule
Peptide binding; Protease inhibitor; Kinetics (Liang, M.N. (173) 127)

Major histocompatibility complex II-peptide complex
Peptide binding; Metal chelate affinity chromatography (Nag, B. (169) 273)

Malaria
ELISA; Synthetic peptide antigen (Roy, A. (167) 139)

T lymphocyte; B lymphocyte; Techniques; (Squirrel monkey); (*Saimiri sciureus*) (Garraud, O. (173) 165)

Mammalian cell
Isolation; hsp 70 kDa heat shock protein family; Parasite (Nandan, D. (176) 255)

Manifold support
Solid support; Surface modification; Allergy; Immune assay; IgE (Kwiatkowski, M. (168) 137)

α-Mannan
Phagocytosis, quantitative study of; Zymosan; Laminarin; Cytochalasin B (Lombard, Y. (174) 155)

Mast cell
Monoclonal antibody; Intestine; Granulocyte; Monocyte; Macrophage; Surface antigen; (Pig) (Haverson, K. (170) 233)

Leukemia, mast cell; IgE; Receptor, IgE; Fluorometry; Fluorescent antibody technique; (Rat) (Chen, X.-J. (177) 139)

Mast cell line
IL-10, human; Bioassay (Schlaak, J.F. (168) 49)

Megakaryoblast
In situ hybridization; Fcγ receptor; mRNA; Platelet (Markovic, B. (172) 105)

Melting behavior
Temperature-gradient gel electrophoresis; Leukocyte antigen, human; HLA-DRB3 subtyping; Polymerase chain reaction (Chen, M. (168) 257)

Membrane antigen
Macrophage; Lymphocyte; Flow cytometric analysis (Plasman, N. (174) 123)

Menadione
Colorimetric assay; Tetrazolium; MTT; Cytotoxicity assay (Garn, H. (168) 253)

Merocyanine 540
Mycoplasma; Cell culture; Contamination; Hoechst 33258; Photoinactivation (Tarshis, M. (168) 245)

Messenger RNA
In situ hybridization; Monocyte; Macrophage (Vignaud, J.M. (174) 281)

Metal carbonyl tracer
Non-isotopic immunoassay; Fourier transform infrared spectroscopy; Cortisol; Steroid; Cobalt carbonyl complex (Philomin, V. (171) 201)

Metal chelate affinity chromatography
MHC II-peptide complex; Peptide binding (Nag, B. (169) 273)

N

N-linked oligosaccharide of MHC class II antigens
Deglycosylation by aspargine-amidase enzyme; T cell stimulation; Microphysiometer; Acidification rate measurement (Nag, B. (172) 95)

MIB 1
ELISA; Cell proliferation; Ki-67 protein (Key, G. (177) 113)

Microassay
Purification; Monoclonal antibody; Fluorescence; *o*-Phthaldehyde (Li, X. (172) 141)

Microglia
Retroviral immortalization; Mononuclear phagocyte; Mouse macrophage; Dendritic cell (Lutz, M.B. (174) 269)

Microinjection
Electroporation; Monoclonal antibody; Protein transfer; Cell cycle; Inhibition (Lukas, J. (170) 255)

Microorganism
Intracellular killing; Oxygen-dependent mechanism; Oxygen-independent mechanism; Reactive oxygen intermediate; Reactive nitrogen intermediate; Antimicrobial protein (Langermans, J.A.M. (174) 185)

Microphysiometer
N-linked oligosaccharide of MHC class II antigens; Deglycosylation by aspargine-amidase enzyme; T cell stimulation; Acidification rate measurement (Nag, B. (172) 95)

Microplate culture
Adhesion; Amido black; Cell density assay; Cytotoxicity; Proliferation; Protein (Schulz, J. (167) 1)

Microplate fluorometer
Propidium iodide; Fluorescence assay; Double-stranded nucleic acids quantitation (Wan, C.P. (173) 265)

Microsequencing
Cryoglobulin; Hepatitis C; IgG; IgM; Immunoglobulin; Monoclonal; Polyclonal; Two-dimensional polyacrylamide gel electrophoresis (Tissot, J.-D. (173) 63)

Migration
Endothelium; Lymphocyte; Adhesion (Pryce, G. (167) 55)

Minitan concentration
Cytokine; Life cell culture; Chromatography, affinity; Endotoxin (Savelkoul, H.F.J. (172) 33)

Mitogen
T lymphocyte; Proliferation; Serum-free medium; Superantigen; Anti-CD3; IL-2 (Causey, A.L. (175) 115)

Model archaebacterial lipid
Liposome immune lysis assay; Small unilamellar liposome; Fluorescence assay (Tomioka, K. (176) 1)

Molecular hybridization
Bispecific antibody; Hybrid hybridoma; Non-radioactive probe (Auriol, J. (169) 123)

Monoclonal antibody
Hybridoma; Culture medium; Serum-free culture (Chua, F. (167) 109)

ELISA; Leukemia inhibitory factor; Interleukin, human (De Groote, D. (167) 253)

Immunobioassay; IL-1α; IL-2 (Nadeau, R.W. (168) 9)

Helminthiasis; DNA recombinant; Anti-β-galactosidase; Immunodiagnosis (Sugane, K. (168) 55)

Cysteine proteinase inhibitor; Cystatin A (Takeda, A. (168) 69)

Protein kinase C-η; ABL-MYC; Retrovirus (Weissinger, E.M. (168) 123)

p21; ras; Cross-reactivity; Immunoglobulin; Serum albumin (Xiang, Z. (168) 275)

Fluorescein; Immunoprecipitation; Immunoblot; Cell labeling (Balogh, P. (169) 35)

Class switch; Ganglioside; G_{M2} (Shitara, K. (169) 83)

Recognition; Circular dichroism; Conformation; Halogenated alcohol; ELISA (Lang, E. (170) 103)

IL-1 receptor antagonist; Acridinium ester; Synovial fluid; Rheumatoid arthritis (Towbin, H. (170) 125)

Chemiluminescence; Dot-immunobinding assay; Foot-and-mouth disease virus; Hog cholera virus (Bakkali, L. (170) 177)

Intestine; Mast cell; Granulocyte; Monocyte; Macrophage; Surface antigen; (Pig) (Haverson, K. (170) 233)

Electroporation; Microinjection; Protein transfer; Cell cycle; Inhibition (Lukas, J. (170) 255)

T cell receptor ζ chain; Epitope mapping (Van Oers, N.S.C. (170) 261)

Protein A; Sodium hydroxide; Cleaning; Endotoxin; Chromatography, affinity (Hale, G. (171) 15)

ELISA, cell; Screening method; Cell surface antigen (Grunow, R. (171) 93)

Filamentous phage fd; M13; Recombinant protein technology; Antigen phage (Micheel, B. (171) 103)

ELISA; $F(ab')_2$ fragment; $F(ab')_{2\mu}$ fragment; Chromatography, high performance liquid; IgM; IL-6 (Inouye, K. (171) 239)

Tumor necrosis factor; Bioassay; Neutralization; Species-specificity (Pauli, U. (171) 263)

Lipoprotein (a); Apolipoprotein (a) (Théolis, Jr., R. (172) 43)

Granulated metrial gland cell; Cell lineage; (Mouse) (Stewart, I.J. (172) 125)

Purification; Fluorescence; Microassay; *o*-Phthaldehyde (Li, X. (172) 141)

Thermostable DNA polymerase; *Thermus aquaticus*; Enzyme inhibition; Epitope mapping; Surface plasmon resonance (Scalice, E.R. (172) 147)

Leucine enkephalin; Anti-immunoglobulin; Anti-CD3 (Hendrickson, T.L. (172) 165)

Affinity; Association constant; Hapten (Chappey, O. (172) 219)

Cryoglobulin; Hepatitis C; IgG; IgM; Immunoglobulin; Microsequencing; Polyclonal; Two-dimensional polyacrylamide gel electrophoresis (Tissot, J.-D. (173) 63)

ELISA; Chromatography, immunoaffinity; Leakage (Beer, D.J. (173) 103)

Surfactant protein D; Sandwich ELISA (Inoue, T. (173) 157)

Mononuclear phagocyte; Phenotypic analysis (Leenen, P.J.M. (174) 5)

Macrophage; Phagocytosis; Endocytosis; Adhesion; Rosetting; Macrophage mannose receptor; Macrophage scavenger receptor (Fraser, I. (174) 95)

LTC4; Enzyme immunometric assay; Acetylcholinesterase; Hapten (Volland, H. (175) 97)

ELISA; Synthetic peptide (Lagacé, J. (175) 131)

Anti-D specificity; Hybridoma; Peripheral B lymphocyte; CD40 system; (Human) (Thompson, J.M. (175) 137)

Anti-neutrophil cytoplasm antibody; Myeloperoxidase; Lactoferrin; ELISA; Immunoblot (Audrain, M.A.P. (176) 23)

Hybridoma; Packed-bed bioreactor; Dowstream processing; Serum-free medium; Perfusion system (Moro, A.M. (176) 67)

Piezoelectric sensor; Affinity constant; Herbicide (Skládal, P. (176) 117)

HIV-1; Biosensor assay; Virology; ELISA (Richalet-Sécordel, P.M. (176) 221)

Phospholipase A_2; Bee venom; Epitope mapping (Myatt, E.A. (177) 35)

Affinity; Bluetongue virus; ELISA; Quantitative (White, J.R. (177) 79)

Haemophilus influenzae type b; Capsular polysaccharide; Polyribosylribitolphosphate; In vitro immunization; Oxidative burst (Bunse, R. (177) 89)

Tumor necrosis factor; Tumor necrosis factor receptor; Immunoassay; Biosensor; Bioassay (Corti, A. (177) 191)

Radioimmunoassay; Ethynylestradiol; Assay sensitivity (Agasan, A.L. (177) 251)

Monoclonal antibody, anti-hapten
HIV aspartyl protease; Protease inhibitor (Hanin, V. (173) 139)

Monoclonal antibody EG2
Activated eosinophil; Immunocytochemistry; Immunohistochemistry (Jahnsen, F.L. (175) 23)

Monoclonal antibody, human
Flow cytometry; Instability; Productivity (Ohlin, M. (170) 75)

In vivo stability; SCID mouse model (Bazin, R. (172) 209)

Monoclonal antibody, natural human polyreactive
Fermentation; Large scale purification; Chromatography, hydrophobic interaction; Gel filtration; CHAPS; Reaction pattern; Binding constant; Fab fragment (Roggenbuck, D. (167) 207)

Monoclonal antibody production
Bovine colostrum; Hybridoma culture; IgG/IgA hybridoma cell lines; Serum-free medium (Pakkanen, R. (169) 63)

Monoclonal antibody, radiolabeled
Affinity column; Immunoreactivity; Radioimmunotherapy (Jagoda, E.M. (173) 191)

Monoclonal antibody, recombinant humanized anti-human IgE
Monoclonal anti-IgE antibody, humanized; FcϵRI; Ragweed; Histamine; Basophil; Immunotherapy; Allergy (Fei, D.T.W. (171) 189)

Monoclonal antibody synergy analysis
CD21; CD23; Antibody synergy; Epitope analysis; Epitope display (Ling, N.R. (173) 11)

Monoclonal antibody to hapten
ELISA (Danilova, N.P. (173) 111)

Monoclonal anti-IgE antibody, humanized
Monoclonal antibody, recombinant humanized anti-human IgE; FcϵRI; Ragweed; Histamine; Basophil; Immunotherapy; Allergy (Fei, D.T.W. (171) 189)

Monocyte
Non-specific esterase; Cell line; Flow cytometry (Cook, F. (168) 203)

Monoclonal antibody; Intestine; Mast cell; Granulocyte; Macrophage; Surface antigen; (Pig) (Haverson, K. (170) 233)

Macrophage; Dendritic cell; Differentiation; Flow cytometry; Intracellular antigen; (Equine) (Steinbach, F. (174) 109)

Immunohistology; Macrophage (Plenat, F. (174) 133)

Chemokine; Monocyte chemotactic protein; Chemotaxis (Peri, G. (174) 249)

In situ hybridization; Macrophage; Messenger RNA (Vignaud, J.M. (174) 281)

Monocyte chemotactic protein
Chemotaxis; Chemokine; Interleukin (Wuyts, A. (174) 237)

Chemokine; Monocyte; Chemotaxis (Peri, G. (174) 249)

Monocyte mediated cytotoxicity
MTT assay (Van de Loosdrecht, A.A. (174) 311)

Mono-^{125}I-(Tyr A_{14})-human insulin
Mono-^{125}I-(Tyr A_{19})-human insulin; Insulin antibody; Insulin autoantibody; Radiobinding assay; ELISA (Del Rosario Stumpo, R. (169) 241)

Mono-^{125}I-(Tyr A_{19})-human insulin
Mono-^{125}I-(Tyr A_{14})-human insulin; Insulin antibody; Insulin autoantibody; Radiobinding assay; ELISA (Del Rosario Stumpo, R. (169) 241)

Mononuclear phagocyte
Monoclonal antibody; Phenotypic analysis (Leenen, P.J.M. (174) 5)

Retroviral immortalization; Mouse macrophage; Microglia; Dendritic cell (Lutz, M.B. (174) 269)

Mouse mammary tumor virus
Major histocompatibility complex I; Antigenic peptide; Cytolytic T cell; Fusion protein (Gill, R.F. (176) 245)

MTT
Colorimetric assay; Tetrazolium; Menadione; Cytotoxicity assay (Garn, H. (168) 253)

MTT assay
Monocyte mediated cytotoxicity (Van de Loosdrecht, A.A. (174) 311)

Multimeric synthetic peptide
In vitro immunization; Neutralizing human monoclonal antibody; HIV-1 envelope glycoprotein (Fraisier, C. (176) 9)

Multiparameter analysis
Flow cytometry; Apoptosis; 7-Amino-actinomycin D; Paraformaldehyde fixation; Biohazard (Schmid, I. (170) 145)

Multiparameter flow cytometry
CD45; Bone marrow; Biopsy; Gating (Festin, R. (177) 215)

Murine macrophage
Immortalization; SV40 (Kreuzburg-Duffy, U.C.K. (174) 33)

Retroviral immortalization; Mononuclear phagocyte; Microglia; Dendritic cell (Lutz, M.B. (174) 269)

Mouse macrophage galactose / *N*-acetylgalactosamine-specific C type lectin
Carrageenan; Lectin; C type; Macrophage; ELISA (Imai, Y. (171) 23)

Murine peritoneal macrophage
Cell density; Cell separation; Continuous density Percoll gradient; Discontinuous density Percoll gradient (Vray, B. (174) 53)

Mutant
Neuraminidase; Fab fragment; Antigen-antibody interaction; Affinity; Biosensor; Surface plasmon resonance (Gruen, L.C. (168) 91)

Mutation frequency
Magnetic cell separation; Class 1 MHC antigen; T lymphocyte; Magnetic cell sorting (Wixler, V. (171) 121)

Mx protein
Interferon; Chemiluminescent immunoassay (Oh, S.-K. (176) 79)

Mycoplasma
Cell culture; Contamination; Merocyanine 540; Hoechst 33258; Photoinactivation (Tarshis, M. (168) 245)

Myeloma cell
Interleukin production; Dialysis tubing; IL-2; IL-4 (Sjögren-Jansson, E. (168) 131)

Myeloperoxidase
Anti-neutrophil cytoplasm antibody; Monoclonal antibody; Lactoferrin; ELISA; Immunoblot (Audrain, M.A.P. (176) 23)

NADP
Amplification; Immunoassay; Tuberculosis; ELISA (Vera-Cabrera, L. (177) 69)

Naive human T cell
Conventional soluble antigen (Plebanski, M. (170) 15)

Natural antibody
Lipoic acid; ELISA; Covalent coupling (Legastelois, S. (171) 111)

Natural killer cell
Europium; Samarium; Terbium; Cytotoxicity; Time-resolved fluorometry (Blomberg, K. (168) 267)

Severe combined immunodeficient mouse; Graft versus host disease; Xenogeneic (Shpitz, B. (169) 1)

Cytotoxicity assay; Lytic activity; Tumor target cell; Cytolytic effector cell (Mariani, E. (172) 173)

Cytolysis; Cytotoxicity assay; Time-resolved fluorometry (Lövgren, J. (173) 119)

Rigidity; IL-2 (Melder, R.J. (175) 69)

Positron emission tomography; Labeling; Cytotoxicity (Melder, R.J. (175) 79)

Lymphokine-activated killer; Cell-mediated lympholysis; Cytotoxicity; Fluorescence; Flow cytometry (Papadopoulos, N.G. (177) 101)

Cytotoxicity; Kinetics; Cytotoxic T lymphocyte; Flow cytometry (Karawajew, L. (177) 119)

Nephritis
Systemic lupus erythematosus; Anti-HS reactivity; ELISA (Hylkema, M.N. (176) 33)

Neuraminidase
Fab fragment; Antigen-antibody interaction; Affinity; Biosensor; Mutant; Surface plasmon resonance (Gruen, L.C. (168) 91)

Neutralization
Tumor necrosis factor; Bioassay; Monoclonal antibody; Species-specificity (Pauli, U. (171) 263)

Neutralizing human monoclonal antibody
In vitro immunization; Multimeric synthetic peptide; HIV-1 envelope glycoprotein (Fraisier, C. (176) 9)

Neutrophil
Eosinophil; Low density; Dextran; CD11b; Lactoferrin; Preparative procedure (Berends, C. (167) 183)

Bactericidal/permeability-increasing protein; ELISA; Serum/plasma protein (White, M.L. (167) 227)

Eosinophil; Adhesion; E-selectin; Intercellular cell adhesion molecule 1; Vascular cell adhesion molecule (Håkansson, L. (176) 53)

Neutrophil, human
Radioimmunoassay; Lipocalin (Xu, S.Y. (171) 245)

Nicotinamide cofactor recycling
Electrochemical thyrotropin immunoassay; Enzyme amplification; Amperometric detection; Thermostable, pH insensitive NADH oxidase; Hydrogen peroxide (Athey, D. (176) 153)

Nitrocellulose
ELISA; Electrophoretic separation; Allergen; IgE (Guérin-Marchand, C. (167) 219)

Non-isotopic immunoassay
Metal carbonyl tracer; Fourier transform infrared spectroscopy; Cortisol; Steroid; Cobalt carbonyl complex (Philomin, V. (171) 201)

Non-isotopic in situ hybridization
mRNA; IL-4; Archival material (Bromley, L. (167) 47)

Non-obese diabetic mouse
Cell tracking; Cell migration; PKH26; Pancreas; Flow cytometry (Beavis, A.J. (170) 57)

Non-radioactive
Alamar Blue; Lymphocyte proliferation; Thymidine incorporation (Ansar Ahmed, S. (170) 211)

Cytotoxicity assay; Superoxide dismutase (Franke, L. (171) 259)

Non-radioactive labelling
Surface protein biotinylation; Immunoprecipitation (Kähne, T. (168) 209)

Non-radioactive probe
Bispecific antibody; Hybrid hybridoma; Molecular hybridization (Auriol, J. (169) 123)

Non-specific esterase
Monocyte; Cell line; Flow cytometry (Cook, F. (168) 203)

O

Optimization
ELISA; Fractional factorial design (Reiken, S.R. (177) 199)

Outer membrane protein
Immunoblotting; *Pasteurella haemolytica*; Lipopolysaccharide (Davies, R.L. (167) 35)

Ovarian adenocarcinoma
Tumor-infiltrating lymphocytes; IL-2; Large scale expansion (Freedman, R.S. (167) 145)

Oxidative burst
Haemophilus influenzae type b; Capsular polysaccharide; Polyribosylribitolphosphate; Monoclonal antibody; In vitro immunization (Bunse, R. (177) 89)

Oxidized low density lipoprotein
Acetyl-low density lipoprotein; Labeling; Binding; Macrophage receptor; Lipoprotein (Gugliucci Creriche, A. (174) 103)

Oxygen-dependent mechanism
Intracellular killing; Microorganism; Oxygen-independent mechanism; Reactive oxygen intermediate; Reactive nitrogen intermediate; Antimicrobial protein (Langermans, J.A.M. (174) 185)

Oxygen-independent mechanism
Intracellular killing; Microorganism; Oxygen-dependent mechanism; Reactive oxygen intermediate; Reactive nitrogen intermediate; Antimicrobial protein (Langermans, J.A.M. (174) 185)

P

p21
Monoclonal antibody; ras; Cross-reactivity; Immunoglobulin; Serum albumin (Xiang, Z. (168) 275)

Packed-bed bioreactor
Hybridoma; Monoclonal antibody; Dowstream processing; Serum-free medium; Perfusion system (Moro, A.M. (176) 67)

Pancreas
Cell tracking; Cell migration; PKH26; Flow cytometry; Non-obese diabetic mouse (Beavis, A.J. (170) 57)

Panning
Precursor hymocyte; Lymphocyte (Small, M. (167) 103)

Paraformaldehyde fixation
Flow cytometry; Apoptosis; 7-Amino-actinomycin D; Multiparameter analysis; Biohazard (Schmid, I. (170) 145)

Parasite
Isolation; hsp 70 kDa heat shock protein family; Mammalian cell (Nandan, D. (176) 255)

Parasite antigen
Antibody secreting cell; Antigen detection; Infection (Meeusen, E.N.T. (172) 71)

Parathymosin α
Prothymosin α; Thymosin α_1; Cancer; Epitope; Radioimmunoassay (Tsitsiloni, O.E. (169) 163)

Parental B cell line
Hybridoma, human; Blasticidin S; Cell fusion (Kudo, T. (177) 17)

Passive antibody adsorption
Scanning tunnelling microscopy; Biotinylated antibody linkage (Davies, J. (167) 263)

Pasteurella haemolytica
Immunoblotting; Outer membrane protein; Lipopolysaccharide (Davies, R.L. (167) 35)

Peptide
Epitope; Receptor; Phage; Display library (Miceli, R.M. (167) 279)

Dissociation constant; Affinity constant; ELISA; Radiolabel; Solid-phase antigen; Coating antigen (Seligman, S.J. (168) 101)

Peptide binding
MHC II-peptide complex; Metal chelate affinity chromatography (Nag, B. (169) 273)

Cytolytic T lymphocyte; In vivo peptide priming; Photoaffinity labeling; Major histocompatibility complex class I (Romero, P. (171) 73)

Major histocompatibility complex class II molecule; Protease inhibitor; Kinetics (Liang, M.N. (173) 127)

Lactate dehydrogenase; Class I MHC; H-2; Surface antigen; Enzyme immunoassay; Cell panning (Sigal, L.J. (177) 261)

Peptide motif
Fv antibody fragment; Polymerase chain reaction (Berry, M.J. (167) 173)

Peptide vaccine
Synthetic peptide; Epitope density; Iscom; Immunogenicity; Chemical conjugation (Lövgren, K. (173) 237)

Percoll gradient
Cell separation; Granulocyte; Superoxide production; Rat strain (Szücs, S. (167) 245)

Perfusion system
Hybridoma; Monoclonal antibody; Packed-bed bioreactor; Dowstream processing; Serum-free medium (Moro, A.M. (176) 67)

Peripheral blood mononuclear cell
T helper cell; Epitope; Synthetic peptide; Proliferation; Tetanus toxin (Reece, J.C. (172) 241)

Peripheral B lymphocyte
Monoclonal antibody; Anti-D specificity; Hybridoma; CD40 system; (Human) (Thompson, J.M. (175) 137)

Peritoneal cavity
Pristane; Lymphatic drainage; Ascites; Reticuloendothelial system; (Mouse) (Moore, J.M. (173) 273)

Phage
Epitope; Receptor; Peptide; Display library (Miceli, R.M. (167) 279)

Phagocyte
Bacterial phagocytosis; Spectrofluorimetry; Flow cytometry; Macrophage (Plasman, N. (174) 195)

Phagocytosis
Flow cytometry; Reactive oxygen intermediate (Perticarari, S. (170) 117)

Macrophage; Endocytosis; Adhesion; Monoclonal antibody; Rosetting; Macrophage mannose receptor; Macrophage scavenger receptor (Fraser, I. (174) 95)

Phagocytosis, quantitative study of
Zymosan; α-Mannan; Laminarin; Cytochalasin B (Lombard, Y. (174) 155)

***Phaseolus vulgaris* E4 lectin**
ELISA; Rh antigen; *N*-Acetyl-D-glucosamine, bisecting; Blood stain (Matsubara, K. (173) 175)

Phenotypic analysis
Mononuclear phagocyte; Monoclonal antibody (Leenen, P.J.M. (174) 5)

Phosphatase inhibitor
Immunoprecipitation; Phosphorylation; Phosphatases (Papavassiliou, A.G. (170) 67)

Phosphatase
Immunoprecipitation; Phosphorylation; Phosphatase inhibitor (Papavassiliou, A.G. (170) 67)

Phospholipase A_2
Bee venom; Monoclonal antibody; Epitope mapping (Myatt, E.A. (177) 35)

Phospholipase C
Liposome immunoassay; Liposome; Gentamicin; Calcein; Gentamicin-phospholipase C conjugate (Kim, C.-K. (170) 225)

Phosphorylation
Immunoprecipitation; Phosphatases; Phosphatase inhibitor (Papavassiliou, A.G. (170) 67)

Photoaffinity labeling
Cytolytic T lymphocyte; In vivo peptide priming; Major histocompatibility complex class I; Peptide binding (Romero, P. (171) 73)

Photoinactivation
Mycoplasma; Cell culture; Contamination; Merocyanine 540; Hoechst 33258 (Tarshis, M. (168) 245)

***o*-Phthaldehyde**
Purification; Monoclonal antibody; Fluorescence; Microassay (Li, X. (172) 141)

Phycoerythrin / cyanine-5 tandem conjugate
Alveolar macrophage; Flow cytometry; Autofluorescence (Lohmeyer, J. (172) 59)

Piezoelectric sensor
Affinity constant; Monoclonal antibody; Herbicide (Skládal, P. (176) 117)

***Pisum sativum* agglutinin**
Feline lymphocyte; T and B cell discrimination; Flow cytometry (Whitehurst, C.E. (175) 189)

PKH26
Cell tracking; Cell migration; Pancreas; Flow cytometry; Non-obese diabetic mouse (Beavis, A.J. (170) 57)

Plasma
Rat prolactin; Enzyme immunoassay; Alkaline phosphatase; Recombinant technology (Ezan, E. (169) 205)

Plasmid DNA
Genetic immunization; Influenza nuclear protein; Cytotoxic T lymphocyte; Gene gun; (Antibody) (Vahlsing, H.L. (175) 11)

Plasminogen activator
Urokinase receptor; ELISA; Invasion; Extracellular matrix (Rønne, E. (167) 91)

Platelet
In situ hybridization; Fcγ receptor; mRNA; Megakaryoblast (Markovic, B. (172) 105)

***Pneumocystis carinii* adhesion**
In situ model; Lectin; Lung alveolar cell (Pavia-Ruz, N. (167) 161)

Polyacrylamide gel electrophoresis
Cell adhesion molecule; Cell blotting; Hematoxylin; Lithium dodecyl sulfate; Polyvinylidene difluoride membrane; Propidium iodide (Seshi, B. (176) 185)

Polyclonal antibody
Activin; Synthetic peptide; Immunofluorescence; Embryonic stem cell; Blastocyst (Paulusma, C.C. (169) 143)

Cryoglobulin; Hepatitis C; IgG; IgM; Immunoglobulin; Microsequencing; Monoclonal; Two-dimensional polyacrylamide gel electrophoresis (Tissot, J.-D. (173) 63)

Polymerase chain reaction
Riboprobes; Digoxigenin; Cytokine; IL-2 (Birk, P.E. (167) 83)

Protein engineering; Complement C9; Glycosylation (Taylor, K.M. (167) 129)

Fv antibody fragment; Peptide motif (Berry, M.J. (167) 173)

Temperature-gradient gel electrophoresis; Leukocyte antigen, human; HLA-DRB3 subtyping; Melting behavior (Chen, M. (168) 257)

Reverse dot blot hybridization; Sequence specific oligonucleotide; T cell receptor; Ligation-mediated polymerase chain reaction (Tsuruta, Y. (169) 17)

T cell receptor; Consensus primer (Moonka, D. (169) 41)

T cell receptor; Automatic DNA analyzer (Cottrez, F. (172) 85)

Immunoglobulin variable region; Rapid amplification of cDNA ends; Cloning (Ruberti, F. (173) 33)

Fc receptor; Polymorphism; Allele-specific hybridization; IgG; FcγRII; Allotype (Osborne, J.M. (173) 207)

Antibody DNA; Antibody expression; Fv; Single chain (Dübel, S. (175) 89)

Endothelial cell; E-selectin; Vascular cell adhesion molecule-1; Intercellular adhesion molecule-1 (Meagher, L. (175) 237)

Ion-sensitive field effect transistor; ELISA; Human T cell leukemia virus type I (Tsuruta, H. (176) 45)

Soluble HLA; RPMI1788 cell (Yang, D. (176) 265)

Leukemia cell; Ligation-mediated polymerase chain reaction; Restriction enzyme analysis; T cell receptor (Matsutani, T. (177) 9)

Cytokine, rat; Gene expression; Competitor control fragment (Siegling, A. (177) 23)

Polymerase chain reaction, quantitative
Cytokine; Allergen; T cell, human (Huang, S.-K. (168) 167)

Polymorphism
Fc receptor; Polymerase chain reaction; Allele-specific hybridization; IgG; FcγRII; Allotype (Osborne, J.M. (173) 207)

Polymorphonuclear leukocyte
Collagen gel; Chemotaxis; Gradient; Diffusion coefficient; Visual assay (Haddox, J.L. (171) 1)

Adherence; Leukocyte-integrin; Fluorometry (Van Kessel, K.P.M. (172) 25)

Polynucleotide
Vaccination; Animal model; Antibody; Cell-mediated immunity; Protective immunity (Donnelly, J.J. (176) 145)

Polyribosylribitolphosphate
Haemophilus influenzae type b; Capsular polysaccharide; Monoclonal antibody; In vitro immunization; Oxidative burst (Bunse, R. (177) 89)

Polyvinylidene difluoride membrane
Cell adhesion molecule; Cell blotting; Hematoxylin; Lithium dodecyl sulfate; Polyacrylamide gel electrophoresis; Propidium iodide (Seshi, B. (176) 185)

Pooled human IgG for intravenous use
Quantification of cytokines; Image analysis; IFN-γ; Superantigen (Björk, L. (175) 201)

Positive and negative selection
T lymphocyte; Avidin column; Activation and function; (Human) (Davis, L.S. (175) 247)

Positron emission tomography
Natural killer cell; Labeling; Cytotoxicity (Melder, R.J. (175) 79)

Precursor hymocyte
Panning; Lymphocyte (Small, M. (167) 103)

Pregnancy-specific glycoprotein
Domain-specific antibody; Fusion protein; RGD sequence (Tschentscher, P. (170) 247)

Preparative procedure
Neutrophil; Eosinophil; Low density; Dextran; CD11b; Lactoferrin (Berends, C. (167) 183)

Pristane
Peritoneal cavity; Lymphatic drainage; Ascites; Reticuloendothelial system; (Mouse) (Moore, J.M. (173) 273)

Productivity
Flow cytometry; Instability; Monoclonal antibody, human (Ohlin, M. (170) 75)

Proliferation
Adhesion; Amido black; Cell density assay; Cytotoxicity; Microplate culture; Protein (Schulz, J. (167) 1)

T helper cell; Epitope; Synthetic peptide; Peripheral blood mononuclear cell; Tetanus toxin (Reece, J.C. (172) 241)

T lymphocyte; Serum-free medium; Mitogen; Superantigen; Anti-CD3; IL-2 (Causey, A.L. (175) 115)

Proliferation of cells
Antibody-toxin conjugate; 2′,7′-bis-(2-Carboxyethyl)-5(6)-carboxyfluorescein; Cytotoxicity; Dye exclusion; Fluorescent dye; Immunotoxin; Ricin; Toxicity; Trypan blue; Viability (Sellers, J.R. (172) 255)

Propellant
Aerosol; Protein; Immunomodulation; (Lung); (Respiratory) (Brown, A.R. (176) 203)

Propidium iodide
Fluorescence assay; Double-stranded nucleic acids quantitation; Microplate fluorometer (Wan, C.P. (173) 265)

Cell adhesion molecule; Cell blotting; Hematoxylin; Lithium dodecyl sulfate; Polyacrylamide gel electrophoresis; Polyvinylidene difluoride membrane (Seshi, B. (176) 185)

Prostaglandin
Arachidonic acid; Eicosanoid; Chromatography, high performance liquid; Radioimmunoassay; ELISA (Dieter, P. (174) 223)

Protease inhibitor
Major histocompatibility complex class II molecule; Peptide binding; Kinetics (Liang, M.N. (173) 127)

Monoclonal antibody, anti-hapten; HIV aspartyl protease (Hanin, V. (173) 139)

Protective immunity
Polynucleotide; Vaccination; Animal model; Antibody; Cell-mediated immunity (Donnelly, J.J. (176) 145)

Protein
Adhesion; Amido black; Cell density assay; Cytotoxicity; Microplate culture; Proliferation (Schulz, J. (167) 1)

Aerosol; Propellant; Immunomodulation; (Lung); (Respiratory) (Brown, A.R. (176) 203)

Protein A
Immunoprecipitation; ELISA plate; HBsAg (Von Brunn, A. (169) 135)

Sodium hydroxide; Cleaning; Endotoxin; Monoclonal antibody; Chromatography, affinity (Hale, G. (171) 15)

Proteinase 3
ELISA; α_1-Proteinase inhibitor; Anti-neutrophil cytoplasm antibody; Vasculitis (Baslund, B. (175) 215)

α_1-Proteinase inhibitor
ELISA; Proteinase 3; Anti-neutrophil cytoplasm antibody; Vasculitis (Baslund, B. (175) 215)

Protein engineering
Complement C9; Polymerase chain reaction; Glycosylation (Taylor, K.M. (167) 129)

Protein-hapten conjugate
ϵ-Amino group; 2,4,6-Trinitrobenzene 1-sulfonic acid; Trinitrophenyl-L-lysine; Trinitrophenyl-L-glutamic acid (Sashidhar, R.B. (167) 121)

Protein kinase C-η
Monoclonal antibody; ABL-MYC; Retrovirus (Weissinger, E.M. (168) 123)

Protein transfer
Electroporation; Microinjection; Monoclonal antibody; Cell cycle; Inhibition (Lukas, J. (170) 255)

Prothymosin α
Parathymosin α; Thymosin α_1; Cancer; Epitope; Radioimmunoassay (Tsitsiloni, O.E. (169) 163)

Purification
Eosinophil; Magnetic cell separation; CD16 (Ide, M. (168) 187)

Monoclonal antibody; Fluorescence; Microassay; *o*-Phthaldehyde (Li, X. (172) 141)

Basophil; Flow cytometry; Electron microscopy; FcϵRI; Histamine (Kepley, C. (175) 1)

$F(ab)_2$ fragment; Fc fragment; Thiophilic adsorption (Yurov, G.K. (177) 29)

Q

Quantification of cytokines
Image analysis; IFN-γ; Superantigen; Pooled human IgG for intravenous use (Björk, L. (175) 201)

Quantitative
Monoclonal antibody; Affinity; Bluetongue virus; ELISA (White, J.R. (177) 79)

Quantitative lymphocyte culture
Limiting dilution culture; Varicella zoster virus (Hayward, A.R. (170) 27)

R

Radio-allergosorbent test inhibition
Reverse enzyme allergosorbent test inhibition; Allergen; Allergenic potency; IgE (Falagiani, P. (173) 181)

Radiobinding assay
Mono-^{125}I-(Tyr A_{14})-human insulin; Mono-^{125}I-(Tyr A_{19})-human insulin; Insulin antibody; Insulin autoantibody; ELISA (Del Rosario Stumpo, R. (169) 241)

Radioimmunoassay
Prothymosin α; Parathymosin α; Thymosin α_1; Cancer; Epitope (Tsitsiloni, O.E. (169) 163)

Flow cytometry; Lipopolysaccharide; Lipolysaccharide-binding protein (Heumann, D. (171) 169)

Neutrophil, human; Lipocalin (Xu, S.Y. (171) 245)

Immunoradiometric assay; Chemiluminescence; Immunoassay; Somatotropin-releasing hormone; Avidin; Biotin; Hypothalamus (Leidy, Jr., J.W. (172) 197)

Ubiquitin; Schistosomiasis; *Hymenoptera* venom hypersensitivity; Desensitization (Asseman, C. (173) 93)

Arachidonic acid; Eicosanoid; Prostaglandin; Chromatography, high performance liquid; ELISA (Dieter, P. (174) 223)

Ethynylestradiol; Monoclonal antibody; Assay sensitivity (Agasan, A.L. (177) 251)

Radioimmunotherapy
Monoclonal antibody, radiolabeled; Affinity column; Immunoreactivity (Jagoda, E.M. (173) 191)

Radiolabel
Dissociation constant; Affinity constant; ELISA; Peptide; Solid-phase antigen; Coating antigen (Seligman, S.J. (168) 101)

Radioresistance
Helper T lymphocyte; Limiting dilution analysis; IL-2 (Schanz, U. (169) 221)

Ragweed
Monoclonal antibody, recombinant humanized anti-human IgE; Monoclonal anti-IgE antibody, humanized; FcεRI; Histamine; Basophil; Immunotherapy; Allergy (Fei, D.T.W. (171) 189)

Rapid amplification of cDNA ends
Immunoglobulin variable region; Polymerase chain reaction; Cloning (Ruberti, F. (173) 33)

ras
Monoclonal antibody; p21; Cross-reactivity; Immunoglobulin; Serum albumin (Xiang, Z. (168) 275)

Rat prolactin
Enzyme immunoassay; Alkaline phosphatase; Plasma; Recombinant technology (Ezan, E. (169) 205)

Rat strain
Cell separation; Percoll gradient; Granulocyte; Superoxide production (Szücs, S. (167) 245)

Reaction pattern
Monoclonal antibody, natural human polyreactive; Fermentation; Large scale purification; Chromatography, hydrophobic interaction; Gel filtration; CHAPS; Binding constant; Fab fragment (Roggenbuck, D. (167) 207)

Reactive nitrogen intermediate
Intracellular killing; Microorganism; Oxygen-dependent mechanism; Oxygen-independent mechanism; Reactive oxygen intermediate; Antimicrobial protein (Langermans, J.A.M. (174) 185)

Macrophage; Reactive oxygen intermediate; Chemiluminescence; Griess reagent (Boudard, F. (174) 259)

Reactive oxygen intermediate
Flow cytometry; Phagocytosis (Perticarari, S. (170) 117)

Alveolar macrophage; Respiratory syncytial virus; Tumor necrosis factor (Franke, G. (174) 173)

Intracellular killing; Microorganism; Oxygen-dependent mechanism; Oxygen-independent mechanism; Reactive nitrogen intermediate; Antimicrobial protein (Langermans, J.A.M. (174) 185)

Macrophage; Reactive nitrogen intermediate; Chemiluminescence; Griess reagent (Boudard, F. (174) 259)

Receptor
Epitope; Peptide; Phage; Display library (Miceli, R.M. (167) 279)

Binding protein; Fusion protein; Chimeric protein; IgG (Poltorak, A. (169) 93)

Endothelial cell; Smooth muscle cell; ELISA (Hicks, C. (170) 83)

***c-kit* Receptor**
Human lung mast cell; Cell separation; YB5.B8; Stem cell factor (Okayama, Y. (169) 153)

Receptor, IgE
Mast cell; Leukemia, mast cell; IgE; Fluorometry; Fluorescent antibody technique; (Rat) (Chen, X.-J. (177) 139)

Recognition
Monoclonal antibody; Circular dichroism; Conformation; Halogenated alcohol; ELISA (Lang, E. (170) 103)

Recombinant peptide
Expression vector; Chimeric peptide; B-T cell cooperation; Subunit vaccine (De Smet, K.A.L. (177) 243)

Recombinant protein technology
Monoclonal antibody; Filamentous phage fd; M13; Antigen phage (Micheel, B. (171) 103)

Recombinant technology
Rat prolactin; Enzyme immunoassay; Alkaline phosphatase; Plasma (Ezan, E. (169) 205)

Recombinase activity
V(D)J recombination; scid; β-Galactosidase (Bühler, B. (175) 259)

Red cell agglutination
HIV-1; Tri-*n*-butylphosphine; Bromoacetyl peptide; (Antibody) (Wilson, K.M. (175) 267)

Reporter gene
IL-6; Transfection; Hepatoma cell; Acute phase response (Gregory, B. (170) 47)

Respiratory syncytial virus
Alveolar macrophage; Tumor necrosis factor; Reactive oxygen intermediate (Franke, G. (174) 173)

Restriction enzyme analysis
Polymerase chain reaction; Leukemia cell; Ligation-mediated polymerase chain reaction; T cell receptor (Matsutani, T. (177) 9)

Restriction fragment length polymorphism
Chimerism analysis; Bone marrow transplantation; (Method) (Schreiner, T. (168) 183)

Reticuloendothelial system
Pristane; Peritoneal cavity; Lymphatic drainage; Ascites; (Mouse) (Moore, J.M. (173) 273)

Retinoblastoma gene product
Tumor suppressor gene; (Diagnosis); (Prognosis) (Wen, S.F. (169) 231)

Retroviral immortalization
Mononuclear phagocyte; Mouse macrophage; Microglia; Dendritic cell (Lutz, M.B. (174) 269)

Retrovirus
Protein kinase C-η; Monoclonal antibody; ABL-MYC (Weissinger, E.M. (168) 123)

Reverse dot blot hybridization
Polymerase chain reaction; Sequence specific oligonucleotide; T cell receptor; Ligation-mediated polymerase chain reaction (Tsuruta, Y. (169) 17)

Reverse enzyme allergosorbent test inhibition
Radio-allergosorbent test inhibition; Allergen; Allergenic potency; IgE (Falagiani, P. (173) 181)

Reverse transcriptase
Enzyme labeling; Enzyme immunoassay; β-D-Galactosidase; HIV-1; AIDS (Hashinaka, K. (172) 179)

Reverse transcriptase polymerase chain reaction
B cell deficiency; Cluster determinant; Flow cytometry; Gene expression (James-Yarish, M. (169) 73)

Reverse transcription-polymerase chain reaction
Cytokine; Kinetics; *Staphylococcus* enterotoxin B; Immunohistochemistry (Litton, M.J. (175) 47)

T cell antigen receptor; Diversity; Complementarity determining region; γδ T cell clone (Yurovsky, V.V. (175) 227)

RGD sequence
Pregnancy-specific glycoprotein; Domain-specific antibody; Fusion protein (Tschentscher, P. (170) 247)

Rh antigen
ELISA; *Phaseolus vulgaris* E4 lectin; *N*-Acetyl-D-glucosamine, bisecting; Blood stain (Matsubara, K. (173) 175)

Rheumatic disease
Chemiluminescence; Enzyme immunoassay; Kininogen (Legris, F. (168) 111)

Rheumatoid arthritis
IL-1 receptor antagonist; Acridinium ester; Synovial fluid; Monoclonal antibody (Towbin, H. (170) 125)

Riboprobe
Gene expression; RNA transcript; Insulin-like growth factor; Macrophage (Biragyn, A. (168) 235)

Polymerase chain reaction; Digoxigenin; Cytokine; IL-2 (Birk, P.E. (167) 83)

Ricin
Antibody-toxin conjugate; 2′,7′-bis-(2-Carboxyethyl)-5(6)-carboxyfluorescein; Cytotoxicity; Dye exclusion; Fluorescent dye; Immunotoxin; Proliferation of cells; Toxicity; Trypan blue; Viability (Sellers, J.R. (172) 255)

Rigidity
Natural killer cell; IL-2 (Melder, R.J. (175) 69)

mRNA
IL-4; Non-isotopic in situ hybridization; Archival material (Bromley, L. (167) 47)

In situ hybridization; Fcγ receptor; Platelet; Megakaryoblast (Markovic, B. (172) 105)

RNA transcript
Riboprobe; Gene expression; Insulin-like growth factor; Macrophage (Biragyn, A. (168) 235)

Rosetting
Macrophage; Phagocytosis; Endocytosis; Adhesion; Monoclonal antibody; Macrophage mannose receptor; Macrophage scavenger receptor (Fraser, I. (174) 95)

Route of injection
Anaphylaxis; Intraperitoneal injection; Intravenous injection; Subplantar route (Levine, S. (173) 203)

RPMI1788 cell
Polymerase chain reaction; Soluble HLA (Yang, D. (176) 265)

S

Samarium
Europium; Terbium; Natural killer cell; Cytotoxicity; Time-resolved fluorometry (Blomberg, K. (168) 267)

Europium; Lanthanide; Electroporation; Cytotoxicity; Lymphokine-activated killer cell; Bystander lysis (Bohlen, H. (173) 55)

Sample preparation
Lymphocyte immunophenotyping; Whole blood; Flow cytometry; HIV; AIDS (Tamul, K.R. (167) 237)

Sandwich ELISA
Surfactant protein D; Monoclonal antibody (Inoue, T. (173) 157)

Scanning tunnelling microscopy
Passive antibody adsorption; Biotinylated antibody linkage (Davies, J. (167) 263)

Schistosomiasis
Ubiquitin; Radioimmunoassay; *Hymenoptera* venom hypersensitivity; Desensitization (Asseman, C. (173) 93)

scid
V(D)J recombination; Recombinase activity; β-Galactosidase (Bühler, B. (175) 259)

SCID mouse model
Monoclonal antibody, human; In vivo stability (Bazin, R. (172) 209)

Screening
Autoantibody; Dot-blot; Immunoassay; (Method) (Baslund, B. (169) 183)

ELISA, cell; Monoclonal antibody; Cell surface antigen (Grunow, R. (171) 93)

Sequence specific oligonucleotide
Polymerase chain reaction; Reverse dot blot hybridization; T cell receptor; Ligation-mediated polymerase chain reaction (Tsuruta, Y. (169) 17)

Serum albumin
Monoclonal antibody; p21; ras; Cross-reactivity; Immunoglobulin (Xiang, Z. (168) 275)

Serum-free culture
Hybridoma; Culture medium; Monoclonal antibody (Chua, F. (167) 109)

Serum-free medium
Bovine colostrum; Hybridoma culture; Monoclonal antibody production; IgG/IgA hybridoma cell lines (Pakkanen, R. (169) 63)

T lymphocyte; Proliferation; Mitogen; Superantigen; Anti-CD3; IL-2 (Causey, A.L. (175) 115)

Hybridoma; Monoclonal antibody; Packed-bed bioreactor; Dowstream processing; Perfusion system (Moro, A.M. (176) 67)

Serum / plasma protein
Bactericidal/permeability-increasing protein; ELISA; Neutrophil (White, M.L. (167) 227)

Severe combined immunodeficient mouse
Natural killer cell; Graft versus host disease; Xenogeneic (Shpitz, B. (169) 1)

Sex-limited protein
Complement; (Mouse) (Van den Berg, C.W. (169) 251)

Sialic acid
TCR complex; Lectin; Wheat germ agglutinin; Endoglycosidase H (Kearse, K.P. (167) 75)

Single chain
DNA; Expression; *Escherichia coli*; Glycophorin A; Erythrocyte; Immunoglobulin; HIV; (Antibody) (Lilley, G.G. (171) 211)

Antibody DNA; Polymerase chain reaction; Antibody expression; Fv (Dübel, S. (175) 89)

Single chain Fv antibody
Bacterial immunoglobulin-binding protein; V_L domain (Åkerström, B. (177) 151)

Single-hit Poisson model
Limiting dilution assay; Validity test (Bonnefoix, T. (167) 21)

Small unilamellar liposome
Liposome immune lysis assay; Model archaebacterial lipid; Fluorescence assay (Tomioka, K. (176) 1)

Smoking
Carcinogen; Fluorescence; Lung cancer; Macrophage; Tobacco (Streck, R.J. (174) 67)

Smooth muscle cell
Endothelial cell; Receptor; ELISA (Hicks, C. (170) 83)

Sodium hydroxide
Protein A; Cleaning; Endotoxin; Monoclonal antibody; Chromatography, affinity (Hale, G. (171) 15)

Solid-phase antigen
Dissociation constant; Affinity constant; ELISA; Radiolabel; Peptide; Coating antigen (Seligman, S.J. (168) 101)

Solid-phase immunoassay
Biosensor; Displacement immunoassay; Antibody kinetics (Rabbany, S.Y. (168) 227)

Solid support
Surface modification; Allergy; Immune assay; Manifold support; IgE (Kwiatkowski, M. (168) 137)

Soluble CD4
Galanthus nivalis agglutinin; HIV-1 gp120; ELISA; Inhibition (Hinkula, J. (175) 37)

Soluble cytokine receptor
IL-6; Enzyme immunoassay (Montero-Julian, F.A. (169) 111)

Soluble Fcγ receptor
Immune complex; Dot-immunobinding assay (Kristoffersen, E.K. (167) 15)

Soluble form IL-5 receptor
Baculovirus expression system; ELISA for sIL-5R (Kikuchi, Y. (167) 289)

Soluble HLA
Polymerase chain reaction; RPMI1788 cell (Yang, D. (176) 265)

Soluble receptor
Baculovirus expression; Lymphotoxin; Tumor necrosis factor (Crowe, P.D. (168) 79)

Somatotropin-releasing hormone
Immunoradiometric assay; Chemiluminescence; Immunoassay; Radioimmunoassay; Avidin; Biotin; Hypothalamus (Leidy, Jr., J.W. (172) 197)

Species specificity
Tumor necrosis factor; Bioassay; Neutralization; Monoclonal antibody (Pauli, U. (171) 263)

Specificity
IL-6 receptor, soluble; B9 assay (Diamant, M. (173) 229)

Spectrofluorimetry
Bacterial phagocytosis; Flow cytometry; Macrophage; Phagocyte (Plasman, N. (174) 195)

***Staphylococcus* enterotoxin B**
Cytokine; Kinetics; Immunohistochemistry; Reverse transcription-polymerase chain reaction (Litton, M.J. (175) 47)

Stem cell factor
Human lung mast cell; Cell separation; YB5.B8; *c-kit* Receptor (Okayama, Y. (169) 153)

Steroid
Non-isotopic immunoassay; Metal carbonyl tracer; Fourier transform infrared spectroscopy; Cortisol; Cobalt carbonyl complex (Philomin, V. (171) 201)

Streptavidin
Human chorionic gonadotropin; Immunofluorometric assay; Biotin (Stenman, J. (175) 161)

Streptococcus agalactiae
Antibody avidity; Enzyme immunoassay; IgG antibody (Feldman, R.G. (170) 37)

Subplantar route
Anaphylaxis; Intraperitoneal injection; Intravenous injection; Route of injection (Levine, S. (173) 203)

Subunit vaccine
Recombinant peptide; Expression vector; Chimeric peptide; B-T cell cooperation (De Smet, K.A.L. (177) 243)

Suction method
Thymectomy; Tracheal intubation; Fibrin glue (Kobayashi, E. (171) 33)

Sulfinpyrazone
Calcium influx; Flow cytometry; Fluo-3; T cell hybrid (Baus, E. (173) 41)

Superantigen
T lymphocyte; Proliferation; Serum-free medium; Mitogen; Anti-CD3; IL-2 (Causey, A.L. (175) 115)

Quantification of cytokines; Image analysis; IFN-γ; Pooled human IgG for intravenous use (Björk, L. (175) 201)

Superoxide
Fluorochrome; Flow cytometer; Adhesion; Lymphocyte proliferation; Chemotaxis (De Clerck, L.S. (172) 115)

Superoxide dismutase
Cytotoxicity assay; Non-radioactive (Franke, L. (171) 259)

Superoxide production
Cell separation; Percoll gradient; Granulocyte; Rat strain (Szücs, S. (167) 245)

Surface antigen
Monoclonal antibody; Intestine; Mast cell; Granulocyte; Monocyte; Macrophage; (Pig) (Haverson, K. (170) 233)

Lactate dehydrogenase; Class I MHC; H-2; Peptide binding; Enzyme immunoassay; Cell panning (Sigal, L.J. (177) 261)

Surface modification
Solid support; Allergy; Immune assay; Manifold support; IgE (Kwiatkowski, M. (168) 137)

Surface plasmon resonance
Neuraminidase; Fab fragment; Antigen-antibody interaction; Affinity; Biosensor; Mutant (Gruen, L.C. (168) 91)

Monoclonal antibody; Thermostable DNA polymerase; *Thermus aquaticus*; Enzyme inhibition; Epitope mapping (Scalice, E.R. (172) 147)

Biosensor; Immunosensor; IgG; (Antibody) (Geddes, N.J. (175) 149)

Surface protein biotinylation
Non-radioactive labelling; Immunoprecipitation (Kähne, T. (168) 209)

Surfactant protein D
Monoclonal antibody; Sandwich ELISA (Inoue, T. (173) 157)

SV40
Murine macrophage; Immortalization (Kreuzburg-Duffy, U.C.K. (174) 33)

Synovial fluid
IL-1 receptor antagonist; Acridinium ester; Rheumatoid arthritis; Monoclonal antibody (Towbin, H. (170) 125)

Synthetic peptide
Activin; Polyclonal antibody; Immunofluorescence; Embryonic stem cell; Blastocyst (Paulusma, C.C. (169) 143)

ELISA; Antibody epitope (Ball, J.M. (171) 37)

T helper cell; Epitope; Peripheral blood mononuclear cell; Proliferation; Tetanus toxin (Reece, J.C. (172) 241)

Epitope density; Iscom; Immunogenicity; Chemical conjugation; Peptide vaccine (Lövgren, K. (173) 237)

ELISA; Monoclonal antibody (Lagacé, J. (175) 131)

Synthetic peptide antigen
Malaria; ELISA (Roy, A. (167) 139)

Synthetic vaccine
Cytotoxic T lymphocyte; Lipopeptide; T cell epitope (Borges, E. (173) 253)

Systemic lupus erythematosus
Anti-DNA; ELISA; (Clinical evaluation) (Hylkema, M.N. (170) 93)

Anti-HS reactivity; ELISA; Nephritis (Hylkema, M.N. (176) 33)

Anti-DNA autoantibody; Gel shift assay; Equilibrium dissociation constant (Stevens, S.Y. (177) 185)

T

T and B cell discrimination
Feline lymphocyte; *Pisum sativum* agglutinin; Flow cytometry (Whitehurst, C.E. (175) 189)

Tandem dye
Alveolar macrophage; Flow cytometry (Viksman, M.Y. (172) 17)

T cell
Whole blood; Leprosy; IFN-γ; Epidemiology (Weir, R.E. (176) 93)

Collagen-induced arthritis ('t Hart, B.A. (176) 179)

T cell antigen receptor
Diversity; Complementarity determining region; Reverse transcription-polymerase chain reaction; γδ T cell clone (Yurovsky, V.V. (175) 227)

T cell clone
Alloreactivity; HLA; Transfected murine fibroblast (Warrens, A.N. (169) 25)

γδ T cell clone
T cell antigen receptor; Diversity; Complementarity determining region; Reverse transcription-polymerase chain reaction (Yurovsky, V.V. (175) 227)

B-T cell cooperation
Recombinant peptide; Expression vector; Chimeric peptide; Subunit vaccine (De Smet, K.A.L. (177) 243)

T cell cytotoxicity assay
Acetoxymethyl ester of calcein; Fluorometric microassay; Lymphokine activated killer assay (Lichtenfels, R. (172) 227)

T cell development
Designer chimera; Thymic organ culture; Major histocompatibility complex class II (Merkenschlager, M. (171) 177)

T cell epitope
ELISA; Agretope; Cervical cancer (Dillner, J. (167) 195)

Thiol modification (Mourier, G. (171) 65)

Cytotoxic T lymphocyte; Lipopeptide; Synthetic vaccine (Borges, E. (173) 253)

T cell, human
Cytokine; Allergen; Polymerase chain reaction, quantitative (Huang, S.-K. (168) 167)

T cell hybrid
Calcium influx; Flow cytometry; Fluo-3; Sulfinpyrazone (Baus, E. (173) 41)

T cell, immature human
IL-1; IL-2 production (Kees, U.R. (168) 1)

T cell receptor
Polymerase chain reaction; Reverse dot blot hybridization; Sequence specific oligonucleotide; Ligation-mediated polymerase chain reaction (Tsuruta, Y. (169) 17)

Consensus primer; Polymerase chain reaction (Moonka, D. (169) 41)

Polymerase chain reaction; Automatic DNA analyzer (Cottrez, F. (172) 85)

Polymerase chain reaction; Leukemia cell; Ligation-mediated polymerase chain reaction; Restriction enzyme analysis (Matsutani, T. (177) 9)

T cell receptor ζ chain
Monoclonal antibody; Epitope mapping (Van Oers, N.S.C. (170) 261)

T cell stimulation
N-linked oligosaccharide of MHC class II antigens; Deglycosylation by aspargine-amidase enzyme; Microphysiometer; Acidification rate measurement (Nag, B. (172) 95)

T cell subset
Cellular interaction; Lymphokine; Activation; Immobilized antibody (Karawajew, L. (173) 27)

TCR complex
Lectin; Wheat germ agglutinin; Sialic acid; Endoglycosidase H (Kearse, K.P. (167) 75)

Techniques
T lymphocyte; B lymphocyte; Malaria; (Squirrel monkey); (*Saimiri sciureus*) (Garraud, O. (173) 165)

Technology assessment
Lymphocyte immunophenotyping; CD4 T lymphocyte; Absolute CD4 T lymphocyte; HIV disease (Nicholson, J.K.A. (177) 43)

Temperature-gradient gel electrophoresis
Leukocyte antigen, human; HLA-DRB3 subtyping; Melting behavior; Polymerase chain reaction (Chen, M. (168) 257)

Terbium
Europium; Samarium; Natural killer cell; Cytotoxicity; Time-resolved fluorometry (Blomberg, K. (168) 267)

Tetanus toxin
T helper cell; Epitope; Synthetic peptide; Peripheral blood mononuclear cell; Proliferation (Reece, J.C. (172) 241)

Tetanus toxoid vaccine
Anti-tetanus antibody; ELISA (Manghi, M.A. (168) 17)

Tetrazolium
Colorimetric assay; MTT; Menadione; Cytotoxicity assay (Garn, H. (168) 253)

T helper cell
Epitope; Synthetic peptide; Peripheral blood mononuclear cell; Proliferation; Tetanus toxin (Reece, J.C. (172) 241)

Thermostable DNA polymerase
Monoclonal antibody; *Thermus aquaticus*; Enzyme inhibition; Epitope mapping; Surface plasmon resonance (Scalice, E.R. (172) 147)

In situ transcription; IL-2 (Chang, H. (176) 235)

Thermostable pH insensitive NADH oxidase
Electrochemical thyrotropin immunoassay; Enzyme amplification; Amperometric detection; Nicotinamide cofactor recycling; Hydrogen peroxide (Athey, D. (176) 153)

Thermus aquaticus
Monoclonal antibody; Thermostable DNA polymerase; Enzyme inhibition; Epitope mapping; Surface plasmon resonance (Scalice, E.R. (172) 147)

Thiol modification
T cell epitope (Mourier, G. (171) 65)

Thiophilic adsorption
Purification; $F(ab)_2$ fragment; Fc fragment (Yurov, G.K. (177) 29)

Th ribonucleoprotein
Autoantibody; Autoantigen; U3 ribonucleoprotein; Antisense riboprobe (Verheijen, R. (169) 173)

Thymectomy
Tracheal intubation; Suction method; Fibrin glue (Kobayashi, E. (171) 33)

Thymic organ culture
Designer chimera; T cell development; Major histocompatibility complex class II (Merkenschlager, M. (171) 177)

Thymidine incorporation
Non-radioactive; Alamar Blue; Lymphocyte proliferation (Ansar Ahmed, S. (170) 211)

Thymosin α_1
Prothymosin α; Parathymosin α; Cancer; Epitope; Radioimmunoassay (Tsitsiloni, O.E. (169) 163)

Thymosin β_4
Epitope mapping; Antigenic determinant; Thymus peptide (Becker, S. (177) 131)

Thymus peptide
Thymosin β_4; Epitope mapping; Antigenic determinant (Becker, S. (177) 131)

Thyrotropin-releasing hormone
N-(*m*-Aminobenzoyloxy)succinimide; Hapten-protein conjugate; ELISA; Immunocytochemistry (Fujiwara, K. (175) 123)

Time-resolved fluoroimmunoassay
Antibody-secreting cell; ELISPOT test; Europium (Ruedl, C. (168) 61)

Time-resolved fluorometry
Europium; Samarium; Terbium; Natural killer cell; Cytotoxicity (Blomberg, K. (168) 267)

Cytolysis; Cytotoxicity assay; Natural killer cell (Lövgren, J. (173) 119)

T lymphocyte
Mutation frequency; Magnetic cell separation; Class 1 MHC antigen; Magnetic cell sorting (Wixler, V. (171) 121)

B lymphocyte; Techniques; Malaria; (Squirrel monkey); (*Saimiri sciureus*) (Garraud, O. (173) 165)

IFN-γ; Lymphocytic choriomeningitis virus; Flow cytometry (Vikingsson, A. (173) 219)

Proliferation; Serum-free medium; Mitogen; Superantigen; Anti-CD3; IL-2 (Causey, A.L. (175) 115)

Positive and negative selection; Avidin column; Activation and function; (Human) (Davis, L.S. (175) 247)

T lymphocytic cell line
B lymphocytic cell line; Flow cytometry; LDL receptor (Yen, C.F. (177) 55)

Tobacco
Carcinogen; Fluorescence; Lung cancer; Macrophage; Smoking (Streck, R.J. (174) 67)

Toxicity
Antibody-toxin conjugate; 2′,7′-bis-(2-Carboxyethyl)-5(6)-carboxyfluorescein; Cytotoxicity; Dye exclusion; Fluorescent dye; Immunotoxin; Proliferation of cells; Ricin; Trypan blue; Viability (Sellers, J.R. (172) 255)

Tracheal intubation
Thymectomy; Suction method; Fibrin glue (Kobayashi, E. (171) 33)

Transcription
Flow cytometry; Lymphocyte; Transient gene expression (Mazda, O. (169) 53)

Transfected murine fibroblast
T cell clone; Alloreactivity; HLA (Warrens, A.N. (169) 25)

Transfection
IL-6; Reporter gene; Hepatoma cell; Acute phase response (Gregory, B. (170) 47)

Transformation
Macrophage; Cell line; Immortalization (Walker, W.S. (174) 25)

Transient gene expression
Flow cytometry; Lymphocyte; Transcription (Mazda, O. (169) 53)

Trichloroacetic acid ([76-03-9])
Lipopolysaccharide; Lipid A; Coating efficiency; ELISA (Hardy, E. (176) 111)

Tri-*n*-butylphosphine
Red cell agglutination; HIV-1; Bromoacetyl peptide; (Antibody) (Wilson, K.M. (175) 267)

2,4,6-Trinitrobenzene 1-sulfonic acid
ϵ-Amino group; Trinitrophenyl-L-lysine; Trinitrophenyl-L-glutamic acid; Protein-hapten conjugate (Sashidhar, R.B. (167) 121)

Trinitrophenyl-L-glutamic acid
ϵ-Amino group; 2,4,6-Trinitrobenzene 1-sulfonic acid; Trinitrophenyl-L-lysine; Protein-hapten conjugate (Sashidhar, R.B. (167) 121)

Trinitrophenyl-L-lysine
ϵ-Amino group; 2,4,6-Trinitrobenzene 1-sulfonic acid; Trinitrophenyl-L-glutamic acid; Protein-hapten conjugate (Sashidhar, R.B. (167) 121)

Trypan blue
Antibody-toxin conjugate; 2′,7′-bis-(2-Carboxyethyl)-5(6)-carboxyfluorescein; Cytotoxicity; Dye exclusion; Fluorescent dye; Immunotoxin; Proliferation of cells; Ricin; Toxicity; Viability (Sellers, J.R. (172) 255)

Tuberculosis
Amplification; NADP; Immunoassay; ELISA (Vera-Cabrera, L. (177) 69)

Tubular transducer
High sensitivity agglutination test; Latex agglutination test; Ultrasonic standing wave field; *Escherichia coli* 0157; C-reactive protein (Grundy, M.A. (176) 169)

Tumor-infiltrating lymphocytes
Ovarian adenocarcinoma; IL-2; Large scale expansion (Freedman, R.S. (167) 145)

Tumor necrosis factor
Baculovirus expression; Lymphotoxin; Soluble receptor (Crowe, P.D. (168) 79)

Bioassay; Neutralization; Monoclonal antibody; Species-specificity (Pauli, U. (171) 263)

Alveolar macrophage; Respiratory syncytial virus; Reactive oxygen intermediate (Franke, G. (174) 173)

Bioassay; Fluorometric metabolic indicator; Colorimetric metabolic indicator (Shahan, T.A. (175) 181)

Tumor necrosis factor receptor; Immunoassay; Biosensor; Bioassay; Monoclonal antibody (Corti, A. (177) 191)

Tumor necrosis factor-α
Collaborative study (Meager, A. (170) 1)

Tumor necrosis factor receptor
Tumor necrosis factor; Immunoassay; Biosensor; Bioassay; Monoclonal antibody (Corti, A. (177) 191)

Tumor suppressor gene
Retinoblastoma gene product; (Diagnosis); (Prognosis) (Wen, S.F. (169) 231)

Tumor target cell
Cytotoxicity assay; Lytic activity; Cytolytic effector cell; Natural killer cell (Mariani, E. (172) 173)

Tween 20
Antiganglioside antibody; Ganglioside; ELISA (Ravindranath, M.H. (169) 257)

Anticardiolipin antibody; β_2-glycoprotein-I; ELISA (Cabral, A.R. (175) 107)

Two-dimensional polyacrylamide gel electrophoresis
Cryoglobulin; Hepatitis C; IgG; IgM; Immunoglobulin; Microsequencing; Monoclonal; Polyclonal (Tissot, J.-D. (173) 63)

U

Ubiquitin
Radioimmunoassay; Schistosomiasis; *Hymenoptera* venom hypersensitivity; Desensitization (Asseman, C. (173) 93)

Ultrasonic standing wave field
High sensitivity agglutination test; Latex agglutination test; Tubular transducer; *Escherichia coli* 0157; C-reactive protein (Grundy, M.A. (176) 169)

Ultrastructural analysis
Kupffer cell isolation; Immunophenotyping (Heuff, G. (174) 61)

U3 ribonucleoprotein
Autoantibody; Autoantigen; Th ribonucleoprotein; Antisense riboprobe (Verheijen, R. (169) 173)

Urokinase receptor
Plasminogen activator; ELISA; Invasion; Extracellular matrix (Rønne, E. (167) 91)

V

Vaccination
Polynucleotide; Animal model; Antibody; Cell-mediated immunity; Protective immunity (Donnelly, J.J. (176) 145)

Validity test
Limiting dilution assay; Single-hit Poisson model (Bonnefoix, T. (167) 21)

Variable region heterogeneity
CDR3; Antibody diversity (Desravines, S. (168) 219)

Varicella zoster virus
Quantitative lymphocyte culture; Limiting dilution culture (Hayward, A.R. (170) 27)

Vascular cell adhesion molecule-1
Very late activation antigen; Baculovirus expression system; Jurkat cell line; Adhesion assay; Calcein acetoxymethyl ester (Stoltenborg, J.K. (175) 59)

Endothelial cell; E-selectin; Intercellular adhesion molecule-1; Polymerase chain reaction (Meagher, L. (175) 237)

Vascular cell adhesion molecule
Eosinophil; Neutrophil; Adhesion; E-selectin; Intercellular cell adhesion molecule 1 (Håkansson, L. (176) 53)

Vasculitis
ELISA; Proteinase 3; α_1-Proteinase inhibitor; Anti-neutrophil cytoplasm antibody (Baslund, B. (175) 215)

V(D)J recombination
Recombinase activity; scid; β-Galactosidase (Bühler, B. (175) 259)

V_L domain
Single chain Fv antibody; Bacterial immunoglobulin-binding protein (Åkerström, B. (177) 151)

Very late activation antigen
Vascular cell adhesion molecule-1; Baculovirus expression system; Jurkat cell line; Adhesion assay; Calcein acetoxymethyl ester (Stoltenborg, J.K. (175) 59)

Viability
Antibody-toxin conjugate; 2′,7′-bis-(2-Carboxyethyl)-5(6)-carboxyfluorescein; Cytotoxicity; Dye exclusion; Fluorescent dye; Immunotoxin; Proliferation of cells; Ricin; Toxicity; Trypan blue (Sellers, J.R. (172) 255)

Virology
CD4; Feline immunodeficiency virus (Willett, B.J. (176) 213)

HIV-1; Monoclonal antibody; Biosensor assay; ELISA (Richalet-Sécordel, P.M. (176) 221)

Visual assay
Collagen gel; Chemotaxis; Gradient; Diffusion coefficient; Polymorphonuclear leukocyte (Haddox, J.L. (171) 1)

W

Weak adhesion
Adhesion assay; Lymphocyte (St. John, J.J. (170) 159)

Wheat germ agglutinin
TCR complex; Lectin; Sialic acid; Endoglycosidase H (Kearse, K.P. (167) 75)

Whole blood
Lymphocyte immunophenotyping; Sample preparation; Flow cytometry; HIV; AIDS (Tamul, K.R. (167) 237)

T cell; Leprosy; IFN-γ; Epidemiology (Weir, R.E. (176) 93)

X

Xenogeneic
Severe combined immunodeficient mouse; Natural killer cell; Graft versus host disease (Shpitz, B. (169) 1)

Y

YB5.B8
Human lung mast cell; Cell separation; *c-kit* Receptor; Stem cell factor (Okayama, Y. (169) 153)

Z

Zymosan
Phagocytosis, quantitative study of; α-Mannan; Laminarin; Cytochalasin B (Lombard, Y. (174) 155)

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Journal of Immunological Methods (1995) 77–78

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The abstract, not more than 5% of the length of the article, should be on a separate sheet. It will appear at the beginning of the paper.

Key words

Key words should be provided at the foot of the abstract. Normally 3–6 items should be included.

References

References in the text start with the name of the author(s), followed by the publication date in brackets, e.g.: 'Rossi (1985) has shown the importance of ...', or, '... has been described (Rossi, 1985; Brown et al., 1986) ...', using date order.

The references in the reference list should be in alphabetical order and typed double-spaced on sheets separate from the text.

References to journals should contain names and initials of the author(s), year of publication (between brackets), article title, abbreviation of the name of the journal according to the *List of Serial Title Word Abbreviations* (International Serials Data System, 20, rue Bachaumont, 75002 Paris, France. ISBN 2-904938-02-8), volume number and page number. References to books should also include the title (of series and volume), initials and names of the editor(s) and, between brackets, publisher and place of publication.

Examples

Troncone, R., Vitale, M., Donatiello, A., Farris, E., Rossi, G. and Auricchio, S. (1986) A sandwich enzyme immunoassay for wheat gliadin. J. Immunol. Methods 92, 21.

Strauss, J.H. and Strauss, E.G. (1985) Antigenic structure of togaviruses. In: M.H.V. Van Regenmortel and A.R. Neurath (Eds.), Immunochemistry of Viruses. Elsevier, Amsterdam, p. 407.

Campbell, A.M. (1984) In: R.H. Burdon and P.H. Van Knippenberg (Eds.), Laboratory Techniques in Biochemistry and Molecular Biology, Vol. 13, Monoclonal Antibody Technology. Elsevier, Amsterdam, p. 75.

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Tables, figures and photographs should be clearly marked on the reverse side with the number, author's name and orientation (top); use a soft pencil or preferably a felt-tipped pen for marking photographs. Legends should be supplied on separate sheets.

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AUTHOR AND SUBJECT INDEXES (1994) VOLUMES 167–177

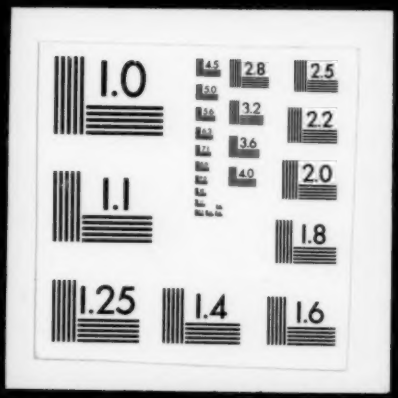
CONTENTS

Author index 1

Subject index 27

Notes to authors 77

0022-1759(1994)167/177*;1-8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3.6
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2.5
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